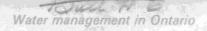
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**Ontario Water Resources Commission** 

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GROUND WATER BULLETIN 6

GROUND WATER IN ONTARIO
SOUTHWESTERN AREA
1960-1963



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# THE ONTARIO WATER RESOURCES COMMISSION

#### GROUND WATER BULLETIN 6

# GROUND WATER IN ONTARIO SOUTHWESTERN AREA

1960-1963

Prepared by the Hydrologic Data Branch

B. A. Singh Supervisor A. A. Mellary Geologist

Division of Water Resources

K. E. Symons Director D. N. Jeffs Assistant Director

Ontario Water Resources Commission

Dr. J. A. Vance Chairman D. S. Caverly General Manager

801 Bay Street, Toronto 5, Ontario

Dr. J. A. Vance, Chairman, Ontario Water Resources Commission, 801 Bay Street, Toronto 5, Ontario.

Dear Sir:

It is with pleasure that I present to the Ontario Water Resources Commission Ground Water Bulletin 6. It is one in the series Ground Water In Ontario.

This bulletin contains data for the southwestern area of Ontario for the years 1960 to 1963.

Yours sincerely

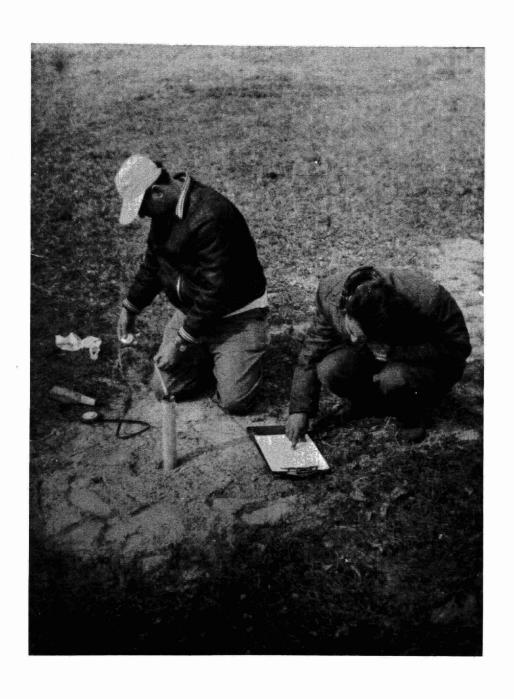
General Manager.

Ontario Water Resources Commission

Toronto, 1968.

# TABLE OF CONTENTS Ground Water Bulletin 6

	Page
Introduction	v
Acknowledgments	vii
Geography	vii
Topography	vii
Climate	viii
Drainage	viii
Hydrogeology	X X
General ConditionsGround Water	xii
Occurrence and Source	xii
Regional Aquifer Characteristics	xiii
Surveys and Investigations	xv
Observation Wells	xvii
Water Level Fluctuations	xxvi
Water Wells	xxvii
Licensed Drilling and Boring Contractors - 1960-1963	xxix
Water-Well Records	xxix
Illustrations	
	Page
Water level measurement at observation well during	
pumping test	iv
Map of Ground Water Bulletin Areas	vi
Diagrams	
The land of Webs Tree land Observable Webs	
Hydrographs of Water Levels in Observation Wells	
Figure	Page
1At Cayuga, Woodstock and Stratford facing	xxvi
2At London, Westminster, and Forest facing	xxvi
3At Elmira and Milton facing	xxvi
4At Kitchener facing	xxvi
Tables	
	Page
IPrecipitation in inches for certain localities in Ontario	ix
IIObservation Wells Measured during 1960-1963 for the	
Ontario Water Resources Commission	xviii
IIIObservation Wells Measured during 1960-1963 by the	
Hydro-Electric Power Commission of Ontario	xxv
IVSummary of Water-Well Drilling Data for 1960	XXXI
VSummary of Water-Well Drilling Data for 1961VISummary of Water-Well Drilling Data for 1962	xxxi xxxii
'IISummary of Water-Well Drilling Data for 1963	xxxii
nbuilding of water-well Dilling Data for 1905	VVVII
Appendices	_
A Observation Walls and Water 7	Page
AObservation Wells and Water Level Measurements, 1960-1963	1
BLicensed Drilling and Boring Contractors and Numbers of	
Wells Constructed, 1960-1963	42
DPrevious Reports	50
	486



Water Level Measurement At Observation Well During Pumping Test

# GROUND WATER IN ONTARIO SOUTHWESTERN AREA 1960-1963

#### INTRODUCTION

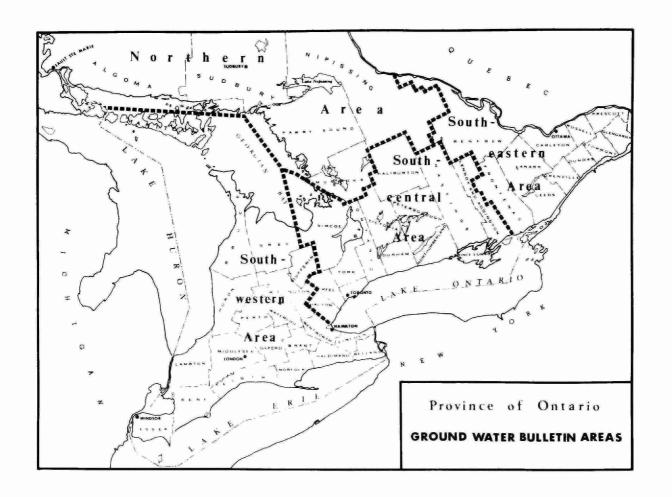
This report is the ninth in a series in which basic data are presented on ground-water conditions in Ontario. It contains information assembled by the Ontario Water Resources Commission for the southwestern area of the province for the period 1960 to 1963. The format is modified from that of recent bulletins which had records for the whole province for a one-year period.

Eight previous reports which dealt with data collected in the period 1947 to 1959 are listed in appendix D.

Four areas have been selected for grouping of data to aid in preparing and using the bulletins—the southwestern area, the south-central area, the southeastern area and the northern area. Their extents are shown on the map on page vi. The new form has been adopted as people normally seek information about conditions in a particular area and it is more convenient to have the data for the area over extended periods in one book rather than in several books as in the previous publications.

The well data contained in the bulletin are referred to constantly by individuals interested in ground-water conditions in areas where they wish to drill wells; by drillers who are interested in hydrogeologic conditions in areas other than where they normally operate; by town planners, engineers, and geologists who are searching for major aquifers to supply municipalities with ground water; and by engineers, geologists and others who are seeking favourable sites for gravel pits, quarries, and other deposits of economic value. To all of these, the nature, thickness, and hydrogeologic properties of overburden and bedrock formations must be known. Records are being received constantly and data not yet published are available for reference in the offices of the Division of Water Resources of the Ontario Water Resources Commission in Toronto.

This bulletin repeats some of the information contained in previous reports. This has been done where it was felt the information was needed as important reference material for the new, assembled data. General conditions in the southwestern area are discussed in greater detail in this bulletin.



# Acknowledgments

The water-well boring and drilling contractors licensed to work in Ontario submitted well logs and water-well data to the Commission and in so doing played an important part in the assembly of valuable hydrogeologic data. Many private individuals and municipal officials and employees recorded and submitted groundwater levels in the observation well program. Their service in the public interest deserves high tribute. The assistance and service rendered by individuals and firms are gratefully acknowledged.

The following staff of the Division of Water Resources worked in the preparation of the bulletin, Mrs. M. Ellis, Mrs. F. McClements, Miss R. Millson, Miss J. Prigge, Messrs. J. A. Haw, A. J. Tasker and A. Fuchs.

#### **GEOGRAPHY**

# Topography

The southwestern area was selected to include nearly all of the area west of the Niagara escarpment. It extends to Windsor in the west, Lake Erie in the south and it includes the Bruce Peninsula and Manitoulin Island in the north. The area was based on county and district units and comprises the counties of

Brant	Grey	Lincoln	Waterloo
Bruce	Haldimand	Middlesex	Welland
Dufferin	Huron	Norfolk	Wellington
Elgin	Kent	Oxford	Wentworth
Essex	Lambton	Perth	

and the district of

Manitoulin.

The southwestern area occupies a land area of 17, 367 square miles.\* It is mainly in the Ontario Upland portion of the St. Lawrence Lowlands. The topography of the whole area is variable; there are large parts of the area which have low relief and others with sharp relief. The elevation varies from 245 feet above sea level at the shores of Lake Ontario to between 1, 700 and 1, 800 feet in Dufferin and Grey counties above the Niagara escarpment. The flatter areas border the south shore of Lake Huron, the south and east shores of Lake St. Clair and the north shore of Lake Erie. The central and northern parts of the southwestern area have rolling topography. The most striking topographic features are found along the Niagara escarpment which generally marks the boundary between the southwestern and south-central areas.

<sup>\*</sup>Compiled from the 1963 Municipal Directory, Ontario Dept. of Municipal Affairs.

A variety of glacial forms such as recessional moraines, kames, deltas, eskers and drumlins contribute to the variations in relief.

#### Climate

The climate and geology of an area largely determine its hydrologic characteristics. Observations of climatic factors such as precipitation, temperature, wind and sunshine and the resulting hydrologic events of streamflow and ground-water level fluctuations are necessary for an assessment of the water resources potential of an area.

Table I shows precipitation data for a number of selected meteorological stations in the southwestern area and has been prepared from data published by the Meteorological Branch of the Canada Department of Transport.

# Drainage

The entire southwestern area drains to the Great Lakes system. The principal rivers and their receiving bodies are: the Beaver, Bighead, Sydenham, Sauble, Saugeen, Maitland, Lucknow, Bayfield and Ausable rivers which drain the northern part of the area to Lake Huron; the Sydenham and Thames rivers which drain the western part and parts of the central area to Lake St. Clair; the Kettle, Catfish, Big Otter, Big creeks and the Grand River which drain the southern part and parts of the central area to Lake Erie; and the Niagara and Welland rivers and Twenty Mile and Spencer creeks which drain parts of the same area to Lake Ontario.

TABLE I - PRECIPITATION IN INCHES FOR CERTAIN LOCALITIES IN ONTARIO1

			Т							r			Г——
Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Centralia (A) Average 1960 1961 1962 1963	3.83 5.1 2.9 3.8 1.26	3.08 4.3 2.2 3.3 1.47	3.09 2.8 2.4 0.7 2.83	3.6	3.18 5.0 2.9 1.9 2.68	2.92 3.5 3.4 3.3 1.60	3.47 1.1 4.7 2.0 2.14	2.46 0.9 3.2 3.9 1.44	3.05 1.4 2.8 3.7 2.56	2.98 2.1 2.6 5.0 0.35	4.0 3.1 2.6	4.20 2.5 3.3 5.3 4.45	39.05 36.2 37.1 38.7 27.10
Chatham Average 1960 1961 1962 1963	2.40 3.3 0.5 2.6 0.89	2.30 2.7 2.6 2.6 0.93	1.6 2.1 1.0	3.0 6.4 3.0	2.94 2.5 2.3 1.2 2.60	2.88 6.0 3.6 2.95 N.A.	2.61 2.2 3.3 2.6 2.74	0.8 4.3 1.9	1.4 3.4 2.7	1.5 1.4 1.4	2.20 1.4 2.9 3.0 1.08	2.35 1.0 1.9 1.2 1.40	30.44 27.4 34.7 26.15 N.A.
Forest Average 1960 1961 1962 1963	2.45 N.A 0.4 1.7 0.94	2.33 2.2 2.5 2.3 0.82	2.60 4.7 1.8 0.48 3.59	3.5	5.5 2.4 1.6	3.14 3.8 2.7 3.8 1.23	3.09 0.7 5.5 1.3 2.24	3.09 2.5 5.63 3.0 0.59	3.24 1.5 2.9 4.0 1.31	2.2 1.9 4.2	2.99 1.6 2.1 2.8 1.82	1.5 1.17 3.2	35.03 N.A. 32.5 30.18 20.73
Guelph O.A.C. Average 1960 1961 1962 1963	2.70 3.8 0.6 N.A. 0.85	2.14 2.3 2.3 N.A. 0.82	2.41 1.1 2.9 N.A. 2.85	2.5 3.12 N.A.	5.1 2.7 0.9	2.95 3.2 4.3 3.4 0.63	3.9 3.0 3.0	2.96 1.4 N.A. 2.0 2.17	2.87 0.4 N.A. 2.7 1.86	2.6 N.A. N.A.		0.9 2.4 2.2	32.80 30.0 N.A. N.A. 22.19
Kitchener Average 1960 1961 1962 1963	2.44 3.1 0.6 2.1 1.14	2,13 2.7 2.7 3.1 0.82	2.69 2.1 1.9 0.7 2.56	2.9 3.5 2.3	3.17 5.0 2.6 1.5 3.21	3.14 5.4 2.6 5.3 1.07	3.41 2.9 3.2 2.5 3.04	2.77 3.6 4.6 2.9 2.08	3.02 0.7 2.6 2.7 1.21	2.63 2.6 0.7 3.8 0.74	2.76 2.9 2.7 2.2 1.98	2.65 1.1 2.7 3.2 2.13	33.53 35.0 30.4 32.3 22.42
London A Average 1960 1961 1962 1963	3.14 3.8 1.4 3.6 1.24	2.83 2.8 2.1 3.1 1.32	2.92 2.8 2.4 0.6 3.01	3.21 3.6 3.6 2.6 2.60	3.04 3.0 2.6 1.1 2.80	3.13 3.7 2.4 3.9	3.47 2.7 5.6 2.1 1.88	2.0 5.3 2.3	3.35 0.9 3.3 3.5 1.13	2.89 1.9 1.3 2.9 0.21	3.19 2.4 2.7 1.9 2.01	3.20 1.3 2.0 3.7 2.53	37.19 30.9 34.7 31.3 21.02
Simcoe Average 1960 1961 1962 1963	3.15 3.7 1.4 2.3 1.40	2.91 3.7 3.9 2.2 1.37	3.28 3.6 3.8 0.7 2.73	4.5 5.2 2.2	2.81 4.2 3.4 1.1 3.26	2.54 3.2 2.7 3.3 1.17	2.93 2.8 1.5 4.3 4.50	2.90 3.3 N.A. 2.4 3.81	2.98 0.9 2.0 4.1 1.79	3.01 2.4 0.6 3.9 0.28	3.01 2.5 N.A. 2.8 2.63	2.9 N.A. 3.1	35.62 37.7 N.A. 32.4 28.56
Stratford Average 1960 1961 1962 1963	3.60 4.1 1.27 2.3 1.43	2.93 3.54 1.8 2.2 1.41	3.27 1.7 2.1 0.5 2.48	3.12 3.5 3.4 2.29 2.02	3.00 5.0 2.2 1.9 3.10	3.41 5.0 3.3 3.7 2.05	3.35 2.2 2.9 3.3 3.69	2.76 1.3 3.7 2.6 2.10	3.61 1.5 2.7 2.9 1.46	2.6 2.4 3.7	3.48 2.6 2.7 <b>2.4</b> 2.70	3.54 1.96 3.6 5.1 3.84	38.87 35.90 32.07 32.89 27.04
Welland Average 1960 1961 1962 1963	3.02 3.5 1.4 4.9 3.54	3.05 5.7 4.2 3.3 1.35	3.27 3.5 2.7 1.0 2.79	2.7 4.9 1.7	3.09 4.5 2.8 0.9 2.05	2.16 2.0 4.3 5.1 1.42	2.54 3.3 2.6 2.0 5.10	2.84 1.6 5.5 2.9 4.86	3.28 1.1 1.7 4.1 1.12	2.2 1.0 3.3	2.85 1.9 2.7 2.4 4.57	2.57 3.5 3.2 4.7 3.62	34.42 35.5 37.0 36.3 33.79
Wiarton Average 1960 1961 1962 1963	3.78 3.6 2.5 4.0 3.80	2.99 2.3 1.8 3.2 1.69	2.94 2.0 2.8 1.1 2.01	3.5 2.5 2.5	2.33 5.6 1.4 1.5 3.56	2.64 3.0 2.8 2.6 1.53	2.47 4.4 1.6 2.2 3.35	1.3 4.4 0.9	2.82 1.3 4.7 4.0 5.43	3.17 2.6 1.7 4.4 1.46	3.90 3.7 2.9 1.4 3.04	3.97 3.2 3.8 4.8 3.67	36.84 36.5 32.9 32.6 36.13
Windsor A Average 1960 1961 1962 1963	2.21 3.2 0.8 2.2 1.12	2.20 2.1 2.9 3.1 0.83	2.74 2.0 2.7 1.0 3.04	3.8	2.6	2.93 6.4 2.9 5.0 4.87	2.99 1.9 3.0 3.1 1.68	4.0	0.6	2.81 1.6 1.2 1.6 0.52	2.41 1.2 2.9 1.9	2.23 0.7 1.6 1.5 1.51	32.61 27.9 37.4 31.4 24.09
Woodstock Average 1960 1961 1962 1963	2.69 3.2 N.A. 2.9 1.10	2.40 3.7 2.6 3.1 1.11	2.5 3.3 0.7	2.88 2.5 2.8 2.5 2.29		3.13 4.7 2.6 4.0 2.27	2.94 2.7 4.0 2.9 2.79	2.69 2.6 5.0	3.08 1.1 3.1 4.2		2.68 2.9 2.3 2.6 1.04	0.9 1.6 2.5	33.51 32.0 N.A. 33.4 N.A.

Footnotes
1. Information by courtesy of the Meteorological Branch - Canada Department of Transport
(A) Airport
N.A. Not available.

#### HYDROGEOLOGY

#### General Conditions

The entire southwestern area is underlain by sedimentary rocks deposited during the Palaeozoic Era. In a large part of the area the bedrock is composed of dolomites and limestones of the Lockport, Guelph, Bass Island, Bois Blanc, Detroit River and Delaware formations. Potable water is generally assured from the Lockport and Guelph dolomites and to a lesser degree from the Bass Island, Bois Blanc, Detroit River and the Delaware formations.

The Salina formation, which is composed of dolomite, considerable thicknesses of shale and shaly dolomite, and irregular beds of gypsum and salt, forms an underlying strip which extends from the County of Bruce at Southampton through parts of the counties of Grey, Wellington, Waterloo, Oxford, Brant, Haldimand and Welland to the Niagara River. Water occurring in this formation is usually highly mineralized; however, in some areas it is of acceptable quality for most uses.

The Hamilton and Kettle Point formations which underlie Kent and Lambton counties and the western portion of Elgin and Middlesex counties are principally shales with some limestone beds. They are doubtful sources of potable water and are exploited only when other sources are not available.

The unconsolidated deposits above the bedrock range in thickness from zero to nearly 500 feet. In the sourhwestern area these overburden deposits are composed mostly of glacial drift with some important but more recent alluvial deposits in the larger river valleys.

Till is the most extensive glacial deposit in the area and is composed of varying amounts of clay, silt, sand, gravel and larger stones. Gently rolling till plains are called ground moraines and were laid down under the ice mass. Irregular ridges of till, often mixed with stratified sands and gravels, are called recessional moraines, and were formed at halts in the retreat or re-advance of the ice front. In southwestern Ontario between the Niagara escarpment and Lake Huron a series of recessional moraines form a great belt in the shape of a horseshoe open to the south.

The recessional moraines are associated in many places with kame moraines which are irregularly stratified glacial deposits formed at the ice front under melting conditions. Ground moraines cover large parts of the area between the recessional moraines.

Drumlins, which are small, elongated hills that were moulded by the moving ice and have their longer axes parallel to the direction of the ice movement, are associated with ground moraines and are found in clusters especially around Teeswater, Arran and Guelph.

Tills of ground moraines or recessional moraines are normally poor aquifers, because the mixed grain sizes form a relatively dense medium. Fortunately, till usually does not form all of the overburden in any one place. Where the drift is deep in the ground-moraine areas, there are usually stratified lenses of silt, sandorgravel within the till sheets which are capable of yielding supplies of ground water. In many areas sands and gravels, varying in thickness from a few inches to many feet, are found immediately above the bedrock. They are excellent sources of water where they occur in reasonable thicknesses.

Glacial deposits laid down under melting conditions in the form of stratified deposits of silt, sand and gravel have good water-yielding characteristics; the already mentioned kame moraines are such deposits. Other important water-sorted deposits associated with the ice margin are deltas and outwash plains. The sands and gravels of these deposits, as a rule, constitute the best water-bearing formations in the drift.

Drainage channels formed by the rivers of water pouring from the melting ice front are associated with the recessional moraines of southwestern Ontario. Many of today's streams flow through these former channels or spillways which contain thick deposits of sand and gravel laid down during glacial drainage. Wells penetrating these deposits usually produce large quantities of water but yields may vary considerably due to variations in the composition of the deposits.

Long, sinuous ridges known as eskers, and composed of poorly sorted sands and gravels were formed by glacial rivers flowing in the ice mass. They resemble railway embankments in appearance and may extend for many miles, generally in a direction parallel to the ice movement. Eskers in most cases are good aquifers but their limited areal extent generally limits production to small quantities. They are excellent sources for domestic supplies.

Glacial lakes were formed in places along the edge of the ice front and covered considerable parts of southwestern Ontario. Well sorted sand, silt or clay deposits laid down in glacial lakes are called lacustrine deposits. The water-yielding characteristics of lacustrine deposits are dependent on grain size; fine grained deposits have poor characteristics while the coarser grained deposits have better water-yielding characteristics.

The sandy areas in parts of Kent, Elgin and Norfolk counties are deltaic deposits laid down by the rivers flowing in the drainage channels and emptying into the glacial lakes. They are well stratified and generally provide good supplies of water at relatively shallow depths. Yields are controlled in many areas by shallow depths of the deposits or by the relatively fine grain size.

The clay plains that cover most of Essex, Kent, Lambton and Haldimand counties are deposits of poor permeability and poor water-yielding characteristics. Sometimes the clays are underlain by coarse sands and gravels which yield satisfactory supplies.

In general, tills and lake clays are poor sources of water in themselves. Where interstratified silts, sands or gravels are encountered within these denser materials or between them and the bedrock, suitable water supplies can usually be developed. Sand and gravel deposits exposed at surface are good sources of water in most areas.

#### GROUND WATER.

#### Occurrence and Source

Ground water is the water that occurs below the surface of the ground in the zone of saturation, where all pore spaces and fractures are filled with water. The surface of the saturated zone is called the water table. A formation that will hold, transmit and yield ground water in usable quantities is known as an aquifer.

Precipitation in the form of rain and snow is the main source of ground water. In general approximately forty per cent of all precipitation becomes surface runoff and ground water. The rest is returned to the atmosphere by evaporation from the soil and open bodies of water and by transpiration from vegetation. Precipitation averages over 30 inches annually in most parts of Southern Ontario. Forty per cent of this amounts to 174 million gallons on each square mile of land surface, and generally less than one half of this is available as ground water through infiltration before it discharges to streams or lakes. In sandy areas the rate of infiltration is higher than in clay areas and the amount of water available for ground water recharge is correspondingly greater.

Numerous factors, such as the amount and intensity of rainfall, nature of soil and vegetation, slope of land surface, and wind and temperature conditions govern the portion of precipitation that becomes ground water. Before large withdrawals of ground waterare planned in an area a reliable estimate should be made of the average perennial recharge of the aquifer. If this is done, the depletion of ground water stored in aquifers can usually be avoided, and pumping installations can be designed for long, economical use.

The amount of water that can be extracted in any area depends on the character of the aquifer and the amount of recharge. Fine-grained materials such as clay or silt have high porosities and abilities to hold large quantities of water in storage but they have low permeabilities which hinder the movement of water through them and make them poor sources of supply. Wells developed in such materials do not meet normal household requirements adequately. Coarse sediments such as coarse sands and gravels, have high permeabilities and are usually very good sources of ground water.

At the end of 1963 there were 145 municipalities with public water supply systems in the southwestern area. Of these, 67 obtained their supplies from ground-water sources and 10 relied on both ground-water and surface-water sources.

# Regional Aquifer Characteristics

The general water-bearing characteristics of the different geologic formations of the southwestern area were discussed in the section dealing with hydrogeology. The conditions by county or groups of counties are discussed below and give some idea of the variability of conditions over the whole area.

In the counties of Essex, Kent, Lambton and part of the County of Elgin it is often difficult to develop ground-water supplies due to the presence of clay plains that are relatively impervious. In the northern part of the County of Essex salty water is often encountered in the underlying Delaware formation. In the County of Kent the water situation is generally fair. Although people have difficulty getting suitable supplies of water in those sections of the County of Elgin where there are clay plains, the sandy plains which cover much of the county provide ample water, usually at shallow depths. Wells that penetrate the Delaware formation in the County of Elgin quite often obtain sulphurous water.

People in the western part of the County of Lambton have had difficulty in obtaining suitable water. Many ponds have been dug in this plain area. In the northeastern part of the county, however, it is usually possible to obtain an ample supply of groundwater due to favourable conditions created by the presence of stratified sands and gravels associated with the recessional moraines.

In the counties of Haldimand, Welland and Lincoln poor ground-water conditions generally prevail. An impervious mantle of lake clays covers most of the area. The overburden is relatively thin, and the underlying bedrock often yields only sulphurous and salty waters. Ponds and cisterns, sometimes several to a farm, are used to provide needed water. There are isolated sandy areas of kame moraines or beaches which provide good supplies in an otherwise unfavourable ground-water area.

The ground-water conditions in the counties of Wentworth, Brant and Norfolk are generally good. The presence of sands and gravels in old deltas, kames and river courses has given these counties an abundance of ground-water sources in many areas.

In the County of Oxford there are poor aquifers in the till plains of the northern and northwestern parts and wells in this area have to be drilled through considerable thicknesses of drift before reaching water-bearing formations. In the sandy kame areas to the south ground-water supplies are good.

In the County of Middlesex deep overburden aquifers contain adequate supplies. Unfortunately, they are not present everywhere and where wells have to be drilled into the limestone bedrock of the Delaware formation they may encounter poor quality water.

In the County of Perth shallow aquifers are considerably affected by seasonal shortages of precipitation. Deep wells do not experience recurring shortages and usually obtain an abundance of water at the base of the drift or within the bedrock.

The water situation in the counties of Huron and Bruce is generally good. Both counties have glacial lake beaches and extensive recessional moraines. In times of drought shallow aquifers can be affected, especially in the County of Huron. Conditions are more favourable in the County of Bruce where there is a greater variety of surface deposits. Many springs and flowing wells are reported in this county. There is little or no drift in the northern part of the County of Bruce, but the underlying Guelph and Lockport dolomites generally yield ample supplies of potable water.

Little difficulty is experienced in obtaining adequate supplies from ground-water sources in the counties of Grey and Dufferin. Many springs occur along the Niagara escarpment in both counties at the contact between the Lockport dolomite and the Clinton and Cataract groups. In the southern part of the County of Grey and along the eastern side of the County of Dufferin morainic hills and associated spillway gravels are usually good sources of water.

The counties of Waterloo and Wellington generally have good supplies of ground water. In 1963 there were 14 municipalities in these counties using large quantities of ground water. Many flowing wells and springs are reported in these counties. The communities in these counties have made use of the excellent groundwater reservoirs in the gravel beds along river courses and in sands and gravels of the hilly recessional moraines and kames. However, there are a few localities in the northwestern and eastern part of the County of Waterloo where shortages occur during times of inadequate precipitation. Rather deep wells are necessary in some parts of the till plain. Unpotable water is obtained in places in the County of Waterloo from the underlying Salina formation.

The southwestern area has good ground-water supplies in a majority of the counties. Poor water conditions, as a rule, occur where there are extensive deposits of impervious clays. Such deposits are most common in the southeast and southwest parts of the area. A few communities that use large amounts of ground water have had some difficulty in increasing their supplies. In most rural areas where shortages occur during times of drought the deepening of existing wells or the construction of new, deeper wells can result in a more continuous supply of ground water, but knowledge of local conditions should be obtained before deepening operations are carried out.

### Surveys and Investigations

During the period 1960 to 1963 the Ontario Water Resources Commission assembled ground-water data and gave assistance to individuals, industries and municipalities in dealing with problems related to ground water.

Ground-water studies included contributions to county water resources surveys, special investigations which were related to a variety of subjects, hydrogeologic surveys undertaken chiefly for municipalities, and supervision of Commission test-drilling and well-construction projects.

Brief descriptions of the Commission's activities in the southwestern area for the years 1960-1963 are given below.

- a) County Water Resources Surveys Water resources surveys were undertaken in the counties of Haldimand, Norfolk, Waterloo, Welland and Wentworth.
- b) <u>Special Investigations</u> A total of fifty-two special investigations were carried out involving the supervision of pumping tests on non-Commission projects; short surveys for better water supplies for individuals, institutions and communities; pollution of water wells; and effects of waste disposal on ground water.
- c) <u>Hydrogeologic Surveys</u> Ground-water surveys involving field investigations and reviews of ground-water conditions were undertaken for 36 municipalities. The larger municipalities involved were the cities of Guelph, Kitchener, and Stratford and the towns of Strathroy, Ingersoll, Preston and Tillsonburg. The reports provided recommendations on favourable test-drilling sites.

d) <u>Test-Drilling and Well-Construction Projects</u> - The Commission was active in eight test-drilling or well-construction projects. These were for the Township of Pelham; the Town of Hanover; the villages of Grand Bend, Port Burwell, Tara, Thedford and Waterdown; and the community of McGregor in the Township of Anderdon. Municipal wells were constructed at the Town of Hanover and the villages of Tara and Thedford. Two favourable well sites were located in the Township of Pelham, but no adequate groundwater supplies were located for the other four municipalities.

A number of other agencies carried out studies in the field of ground-water and pleistocene geology or published reports containing geological or ground-water information for areas in southwestern Ontario during the period 1960 to 1963. A summary of the activities of these agencies is given below.

The Geological Survey of Canada published a report "Subsurface Stratigraphy of Ordovician Rocks in Southwestern Ontario" by B. V. Sanford, 1961,

The Ontario Department of Mines under the supervision of Dr. P. F. Karrow prepared and issued seven preliminary maps of bedrock topography in southwestern Ontario. Geological mapping was under way in the Guelph, Galt and Hamilton areas. Mapping of the Brantford area was completed.

The Ontario Department of Energy Resources\* provided information in its annual reports on the well logs of all oil and gas wells drilled during the period. The logs include information on levels where ground water was encountered and on water quality.

The Ontario Department of Agriculture published soil survey reports for the counties of Lincoln, Oxford and Wellington.

The Conservation Authorities Branch of the Ontario Department of Energy Resources\* published reports on the following conservation areas in the southwestern area: Big Creek Region, Hamilton Region, Sauble Valley and Lower Thames Valley. These reports contain sections on pleistocene geology or ground water.

The Ontario Department of Highways and several private firms carried out numerous soil and foundation investigations along highways and bridge sites in the southwestern area. The reports for most of these investigations contain details of the geologic and ground-water conditions at the test sites. Copies of them are on file with the Ontario Water Resources Commission and are available for consultation.

<sup>\*</sup>Now the Ontario Department of Energy and Resources Management.

The Ontario Research Foundation completed a project in 1962 on the calcite and dolomite content of sand in the Norfolk sand plain and the source area to the north,

The University of Western Ontario investigated stratigraphic correlations of the Wisconsinan drift in Southern Ontario and had seven Pleistocene geology projects under way in 1963.

The Great Lakes Institute carried out seismic exploration, coring, and bottom sampling in the Great Lakes Basin to help unravel the complex sedimentation history.

McMaster University introduced a graduate student project to delineate glacial lake beaches in Wentworth County.

#### Observation Wells

The measurement of water levels in wells at regular intervals is an important part of the inventory of our ground-water resources. The numbers and types of observation wells in operation throughout the province are summarized below:

Year	1960	1961	1962	1963
Wells with automatic recorders Wells measured manually Total observation wells	13	15	15	25
	14	13	15	31
	27	28	30	56

The observation wells are listed by county in table II. Descriptions and water-level measurements of all wells in the southwestern area are given in appendix A. All water-level measurements are from the land surface at the well head to the water surface in the well.

Observation wells measure water levels for varied conditions such as in bedrock or overburden aquifers and in areas unaffected or affected by large withdrawals. Together with data on pumpages, pumping levels and other aquifer conditions, the levels in observation wells are needed to calculate the potential yields of aquifers, and to assess the degree of development and the performance of well fields and wells. The Commission is engaged in the extension and improvement of its observation-well network and will co-operate with interested parties who are willing to undertake the measurement of ground water levels at regular intervals.

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

TABLE II	I COUNTY	I DON'NEELS PERSONED DON'NG	1	Dat		Well	
	Well	Well located on property	Water levels	Measurements	Measurements	Depth	
Location	No.	owned by:	measured by:	Commenced	Discontinued	(in feet)	Aquifer
Location	NO.	owned by:	measured by.	Commerced	Discontinued	(III IEEL)	Aquiter
BRANT COUNTY: Brantford Twp., Con. I, lot 29	85	Geo. McLaughlin	Geo. McLaughlin	Sept. 3/59	July 26/61	99	rock
CARLETON COUNTY: Nepean Twp., Con. I O.F., lot 5	115	Nepean Township	D. Forbes	May 29/63		105	grey granite
Nepean Twp., Con. II O.F., lot 5	132	National Capital Commission	R.G. Pearce	Jan. 22/60		100	Nepean sandstone
Nepean Twp., Con. II O.F., lot 18	133	Teron Construction Co.	R.G. Pearce	Jan. 21/60		90	clay
Gloucester Twp., Con. II O.F., lot 15	134	National Capital Commission	R.G. Pearce	Jan. 29/60		700	limestone
Gloucester Twp., Con. I O.F., lot 21	135	Minto Construction Co.	R.G. Pearce	Feb. 11/60		110	clay
DUFFERIN COUNTY: East Luther Twp., Con, IV, lot 29	46	I. Potter	I. Potter	Nov. 27/53		35	sand
HALDIMAND COUNTY: North Cayuga Twp., Jones Tract, lot 23	5	Canada Department of Transport	C.W. Beckerson	June 29/46		125	limestone
North Cayuga Twp., Jones Tract, lot 23	64	Canada Department of Transport	C.W. Beckerson	Apr. 15/54		100	limestone
HALTON COUNTY: Trafalgar Twp., Con. III, lot 14	38	C. Wilson	C. Wilson	Sept, 14/46		12,5	overburden
					¥	,	

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

				Dat	tes	Well	1
	Well	Well located on property	Water levels	Measurements	Measurements	Depth	
Location	No.	owned by:	measured by:	Commenced	Discontinued	(in feet)	Aquifer
LAMBTON COUNTY: Forest	56	Forest Public Utilities Commission	S. Ellerker	Nov. 28/46		110	overburde
MIDDLESEX COUNTY: London, Adelaide St.	15	London Public Utilities Commission	0.W. Logan	June 20/46		40	sand, gravel
Westminster Twp., Con. II, lot 48	29	G. Uptigrove	O.W. Logan	June 24/52		96	sand, gravel
Westminster Twp., N.T.R. East Side, lot 62	71	R. McDougall	O.W. Logan	Oct. 16/58		30	overburde
Westminster Twp., Con. V, lot 22	513	C. Holborn	O.W. Logan	Sept. 9/59		144	gravel
Westminster Twp., Con. II, lot 18	72	Ontario Hydro-Electric Power Commission	H.E.P.C. Personnel	Mar. 1/60		153	sand, gravel
Westminster Twp., Con. II, lot 18	73	Ontario Hydro-Electric Power Commission	H.E.P.C. Personnel	Feb. 3/60		220	shale
Glencoe	86	Village of Glencoe	F. Anderson	Dec. 4/59	Mar. 11/61	215	clay, gravel
Westminster Twp., Con. VIII, lot 15	91	London Public Utilities Commission	O.W. Logan	Apr. 14/61		231.5	sand, gravel
North Dorchester Twp., N.T.R. Con. I, lot 2	92	G. Hodgins	O.W. Logan	Oct. 25/61		450	rock

XIX

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

					tes	Well	
	Well	Well located on property	Water levels	Measurements	Measurements	Depth	
Location	No.	owned by:	measured by:	Commenced	Discontinued	(in feet)	Aquifer
Delaware Twp., Con. I, lot OE	95	H.C. Brody	O.W. Logan	May 30/63		101	shale
Delaware Twp., Con. I, lot 2	96	C. Gubbels	C. Gubbels	May 16/63	July 22/63	12	overburde
Delaware Twp., Con. II, lot 1	97	P.A. Doumoulin	R. Summers	May 16/63		160	gravel
Lobo Twp., Con. I, lot 4	98	H. Wales	O.W. Logan	May 16/63		109	gravel, clay
Lobo Twp., Con. III, lot 3	99	B. Franks	B. Franks	May 16/63		15	sand, gravel
Lobo Twp., Con. II, lot 5	100	P, Westbrook	P. Estbrook	May 16/63		19	sand, gravel
Lobo Twp., Con. I, lot 4	105	H. Wales	O.W. Logan	June 7/63		102	shale
Lobo Twp., Con. II, lot 6	107	London Public Utilities Commission	O.W. Logan	June 24/63		130	gravel
Lobo Twp., Con. I, lot 7	113	W. Tunks	0.W. Logan	Dec. 19/63		81	shale
Westminster Twp., Con. VI, lot 18	114	G. Carrothers	O.W. Logan	May 6/59		205	clay, gravel
Westminster Twp., Con. V, lot 22	513	C. Holborn	O.W. Logan	May 6/59		144	gravel

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TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

	T			Dat	tes	Well	
	Well	Well located on property	Water levels	Measurements	Measurements	Depth	
Location	No.	owned by:	measured by:	Commenced	Discontinued	(in feet)	Aquifer
NORFOLK COUNTY: Simcoe	25	Simcoe Public Utilities Commission	C.E. Maxwell	Oct. 1/54		26	gravel
Simcoe	93	Simcoe Public Utilities Commission	C.E. Maxwell	Jan. 7/63		73	gravel
Simcoe	94	Simcoe Public Utilities Commission	C.E. Maxwell	Jan. 7/63		78	gravel
OXFORD COUNTY: West Oxford Twp., Con. III, lot 2	13	Woodstock Public Utilities Commission	N. Copp	July 5/46		75	gravel
East Zorra Twp., Con. X, lot 12	58	Dr. J.A. Vance	C. Scott	Apr. 10/56		147	limestone
East Zorra Twp., Con. XII, lot 3	101	Upper Thames River Conservation Authority	N. Copp	May 7/62		61	rock
East Zorra Twp., Con. XII, lot 3	102	Upper Thames River Conservation Authority	N. Сорр	June 28/62		91.6	rock
East Zorra Twp., Con. XII, lot 4	103	Upper Thames River Conservation Authority	N. Copp	June 28/62		51.7	rock
East Zorra Twp., Con. XII, lot 4	104	Upper Thames River Conservation Authority	N. Copp	June 28/62		17.6	sand
Blandford Twp., Con. II, lot 16	111	W. Smith	W. Smith	Nov. 29/63		16.6	overburde
Blandford Twp., Con. II, lot 16	112	W. Smith	W. Smith	Dec. 7/63		45	overburde

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Well located on property owned by:  Bale Estate Ltd. J.A./O.M. Schnick  Stratford Public Utilities Commission Canadian Department of National Defence	Water levels measured by:  OWRC Personnel  O.M. Schnick  P.U.C. Personnel  R.C.A.F. Personnel	Measurements Commenced  Apr. 18/52 June 4/54  Oct. 26/46  Oct. 7/52	Measurements Discontinued	Well Depth (in feet)  30  27	Aquifer overburder sand, gravel
Dale Estate Ltd.  J.A./O.M. Schnick  Stratford Public Utilities Commission  Canadian Department of National Defence	measured by:  OWRC Personnel  O.M. Schnick  P.U.C. Personnel  R.C.A.F.	Apr. 18/52 June 4/54 Oct. 26/46		(in feet) 30 27 350	overburder sand, gravel
Dale Estate Ltd.  J.A./O.M. Schnick  Stratford Public Utilities Commission  Canadian Department of National Defence	OWRC Personnel O.M. Schnick P.U.C. Personnel R.C.A.F.	Apr. 18/52 June 4/54 Oct. 26/46	Discontinued	30 27 350	overburder sand, gravel
J.A./O.M. Schnick  Stratford Public Utilities Commission  Canadian Department of National Defence	O.M. Schnick P.U.C. Personnel R.C.A.F.	June 4/54 Oct. 26/46		27 350	sand, gravel
9 Stratford Public Utilities Commission  4 Canadian Department of National Defence	P.U.C. Personnel	Oct. 26/46	;	350	gravel
Utilities Commission  Canadian Department of National Defence	R.C.A.F.		,		limestone
of National Defence		Oct. 7/52		1	
1	1			37.5	sand, gravel
Upper Thames River Conservation Authority	A. Morris	Nov. 2/57		18	sand, gravel
Upper Thames River Conservation Authority	U.T.R.C.A. Personnel	June 20/63		72	rock
7 Ontario Department of Lands and Forests	J.M. Dobson	June 6/50		20	sand
Elmira Public Utilities Commission	P.U.C. Personnel	Nov. 30/46		118	sand, gravel
Elmira Public Utilities Commission	P.U.C. Personnel	Nov. 30/46		59	sand, gravel
2	Lands and Forests  Elmira Public Utilities Commission  Elmira Public Utilities	Lands and Forests  Elmira Public Utilities Commission  Elmira Public Utilities P.U.C. Personnel	Lands and Forests  Elmira Public Utilities P.U.C. Personnel Nov. 30/46 Commission  Elmira Public Utilities P.U.C. Personnel Nov. 30/46	Elmira Public Utilities P.U.C. Personnel Nov. 30/46 Commission Elmira Public Utilities P.U.C. Personnel Nov. 30/46	Lands and Forests  Elmira Public Utilities P.U.C. Personnel Nov. 30/46  Commission  Elmira Public Utilities P.U.C. Personnel Nov. 30/46  59

TABLE TI - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

TABLE II	- ORSEKA	ATION WELLS MEASURED DURING	1960-1963 FOR THE	UNTAKIO WATER	RESOURCES COMM		
					tes	Well	1
	Well	Well located on property	Water levels	Measurements	Measurements	Depth	
Location	No.	owned by:	measured by:	Commenced	Discontinued	(in feet)	Aquifer
WATERLOO COUNTY: Cont. Kitchener Shoemaker Avenue	34	Kitchener Water Commission	J.S. Leslie	Sept. 11/46		370	dolomite
Kitchener Shoemaker Avenue	35	Kitchener Water Commission	J.S. Leslie	Sept. 11/46		196	dolomite
Kitchener Strange Street	59	Kitchener Water Commission	E.G. Boeckner	Nov. 29/46		202	dolomite
Waterloo Twp., Beasley's Lower Block, Con. II, lot 5	87	Ontario Water Resources Commission for Town of Preston	OWRC Personnel	Feb. 13/59		243	Guelph and Lockport formations
Kitchener Bechtel's Tract	82	A. Kaufman	A. Kaufman	May 10/58		127	sand, gravel
Kitchener Bechtel's Tract	83	H. Becker	H. Becker	May 8/58		120	sand
Wilmot Twp., North Bleams Road, lot 2	116	Kitchener Water Commission	W. Schmidt	June 8/62		97	sand, gravel
Wilmot Twp., North Bleams Road, lot 2	117	Kitchener Water Commission	W. Schmidt	June 8/62		136	sand, gravel
WELLAND COUNTY: Humberstone Twp., Con. I, lot 15	2	W.R. Davison	W.R. Davison	June 13/46		32.5	limestone

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

	1	HITON WELLS FEASURED DORING			tes	Well	
	Well	Well located on property	Water levels	Measurements	Measurements	Depth	
Location	No.	owned by:	measured by:	Commenced	Discontinued	(in feet)	Aquifer
WELLINGTON COUNTY: Guelph (City)	47	Guelph Public Utilities Commission	H. Theaker	Feb. 4/54		152.6	dolomite
Guelph (City)	48	Guelph Public Utilities Commission	H. Theaker	Feb. 4/54		202	dolomite
YORK COUNTY: North York Twp., Con. III W., lot 9	20	Kilmer Van Nostrand Ltd.	OWRC Personnel	Aug. 1/47	July 26/60	211	sand, gravel
Etobicoke Twp., Con. II Fronting the Humber, lot 13	40	Township of Etobicoke	S. Parker	Dec. 9/54		105	gravel
North York Twp., Con. I, West of Yonge Street, lot 16	90	Metropolitan Corporation of Toronto	OWRC Personnel	Apr. 7/61		150	sand, gravel
Markham Twp., Con. III, lot 6	106	Township of Markham	OWRC Personnel	Aug. 15/63		133	sandy clay and gravel
				21 1 1			

The level recorded in an observation well when there is no appreciable extraction or recovery is referred to as the static level. This level may change as a result of natural causes such as precipitation, evaporation and ground-water discharge or artificial causes brought about by pumping or artificial recharge. A static level that follows a downward trend can result in serious problems and may be caused by overpumping, reduced recharge due to changed soil or vegetational cover or a combination of these and other factors.

Good management of ground water depends on knowledge of the fluctuations of ground water. Problems of shortage and complaints about well interference can be understood or resolved by having reliable data on water-level fluctuations.

TABLE III-OBSERVATION WELLS MEASURED DURING 1960-1963 BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO\*

Drainage Area	Watershed	Location	Measurements of Water Levels Commenced	
Lake Huron	Mississagi River	George W. Rayner Generating Station	Dec. 15, 1952	
Moose River	Abitibi River	Abitibi Canyon Generating Station Frederick House Dam Night Hawk Centre Shillington South Porcupine	Oct. 14, 1951 July 12, 1948 Aug. 9, 1948 Aug. 9, 1948 Aug. 9, 1948	
Ottawa River	Madawaska River	Algonquin Park Bancroft Bark Lake Dam Carlow Boulter Princes Lake Sproule Bay Whitney	Oct. 21, 1949 Nov. 12, 1949 Nov. 7, 1949 Nov. 18, 1949 Oct. 29, 1949 Nov. 26, 1949 Oct. 28, 1949	
Winnipeg River	English River	Ear Falls No. 2 Ear Falls No. 4 Lower Manitou Falls No. 2 Lower Manitou Falls No. 3	Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954	

<sup>\*</sup>Data supplied by the Hydro-Electric Power Commission of Ontario.

The Hydro-Electric Power Commission of Ontario set up a number of observation wells in 1948 to study the effect of ground-water levels on the operation of storage basins and generating stations.

Details of these wells are listed in table III. The water-level measurements of these wells are available for reference at the offices of the Ontario Water Resources Commission.

#### Water Level Fluctuations

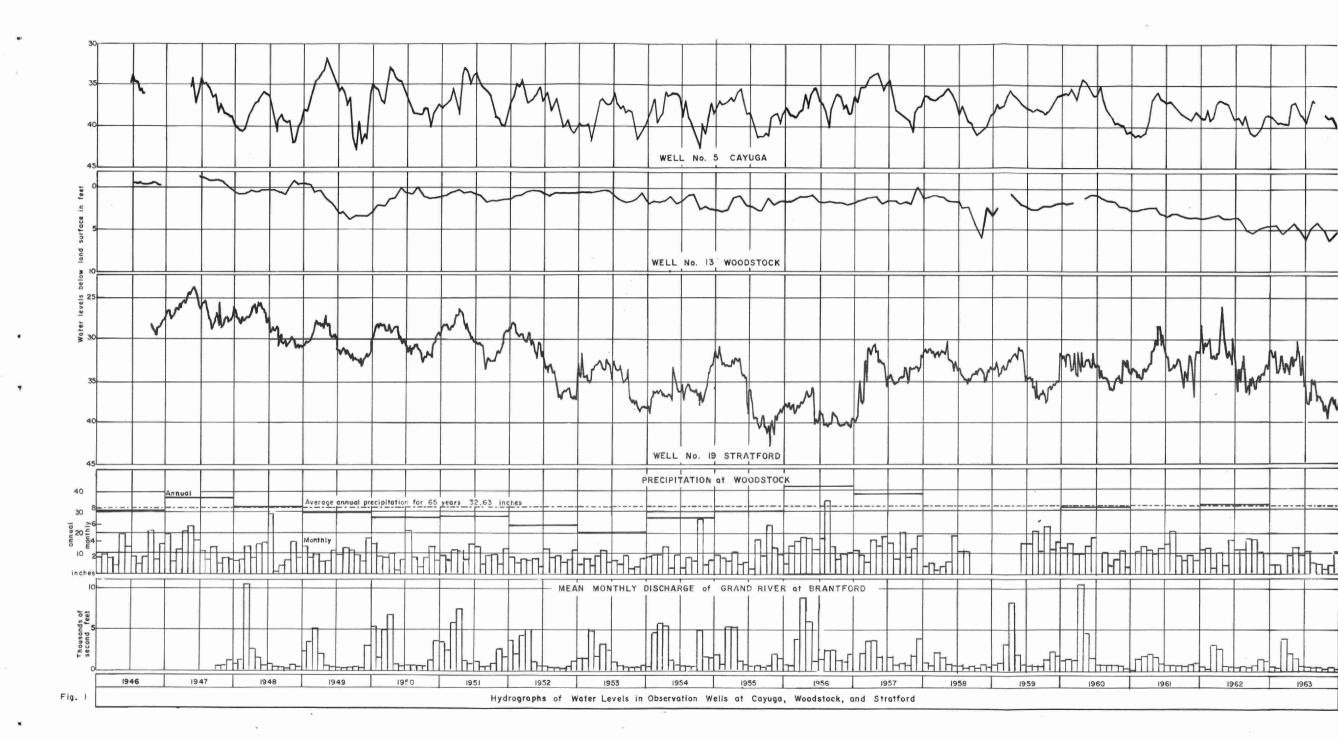
Hydrographs have been prepared showing water-level fluctuations in certain observation wells. Data on precipitation, pumpage, and streamflow, factors which influence water levels in observation wells, are shown where appropriate.

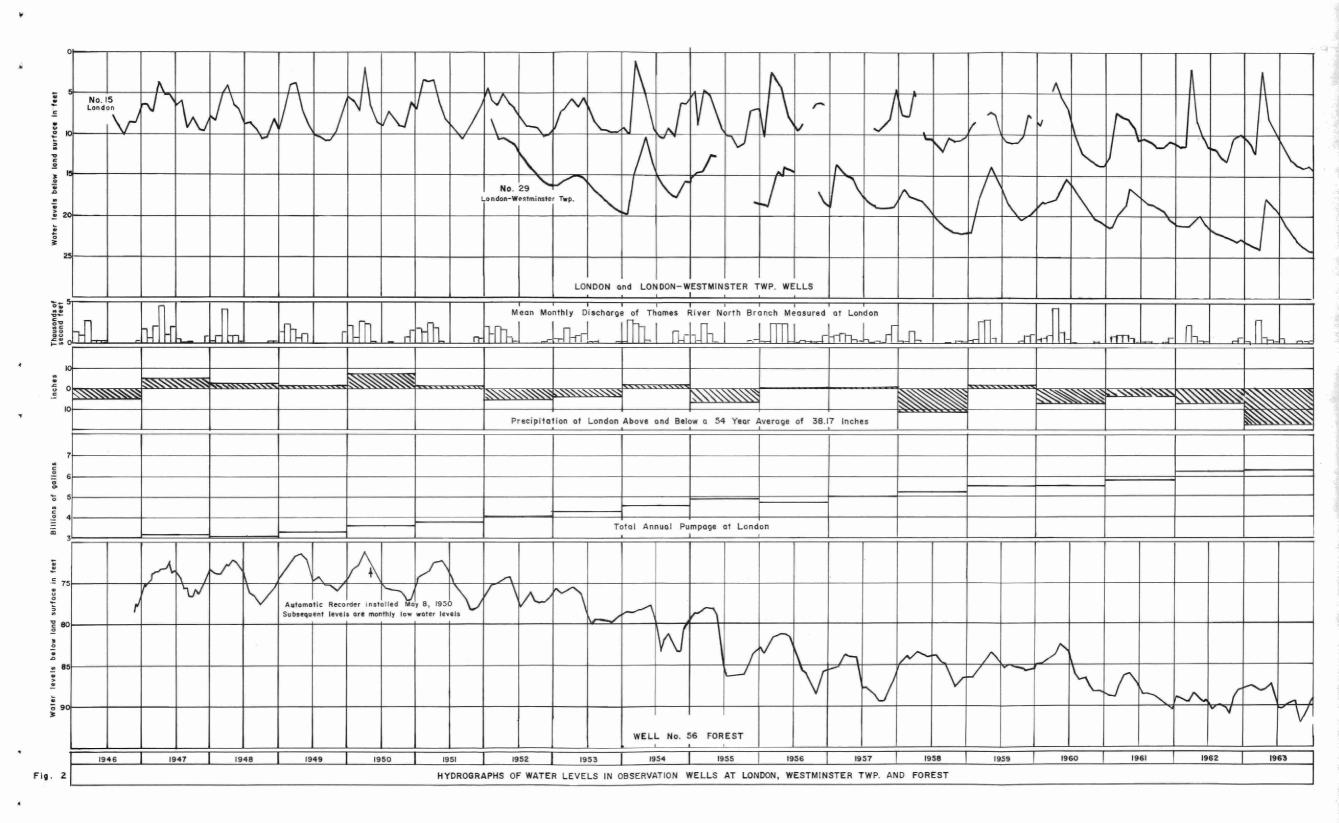
Ground-water levels normally rise during the fall, during mild winter periods and during the snow-melt periods of spring. During the warmer weather and the growth period, precipitation, unless excessive, is intercepted by evaporation and transpiration processes and does not generally percolate far enough into the ground to recharge aquifers. The result is that groundwater levels generally drop during the growing season.

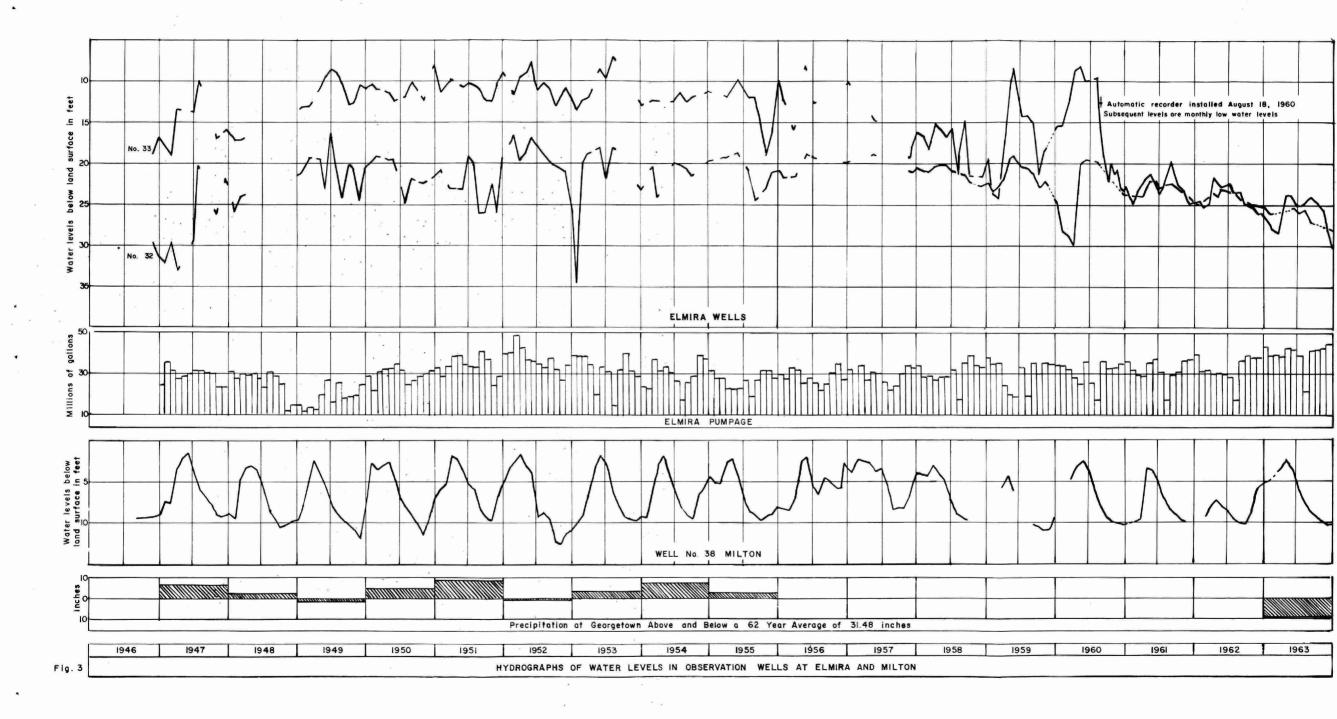
Figure 1 shows water-level variations measured at observation well No. 5 at the Haldimand Rural Youth and Agricultural Center, Kohler; observation well No. 13 in the area south of the City of Woodstock in an aquifer supplying municipal wells; and observation well No. 19 in the Romeo Street well field at Stratford.

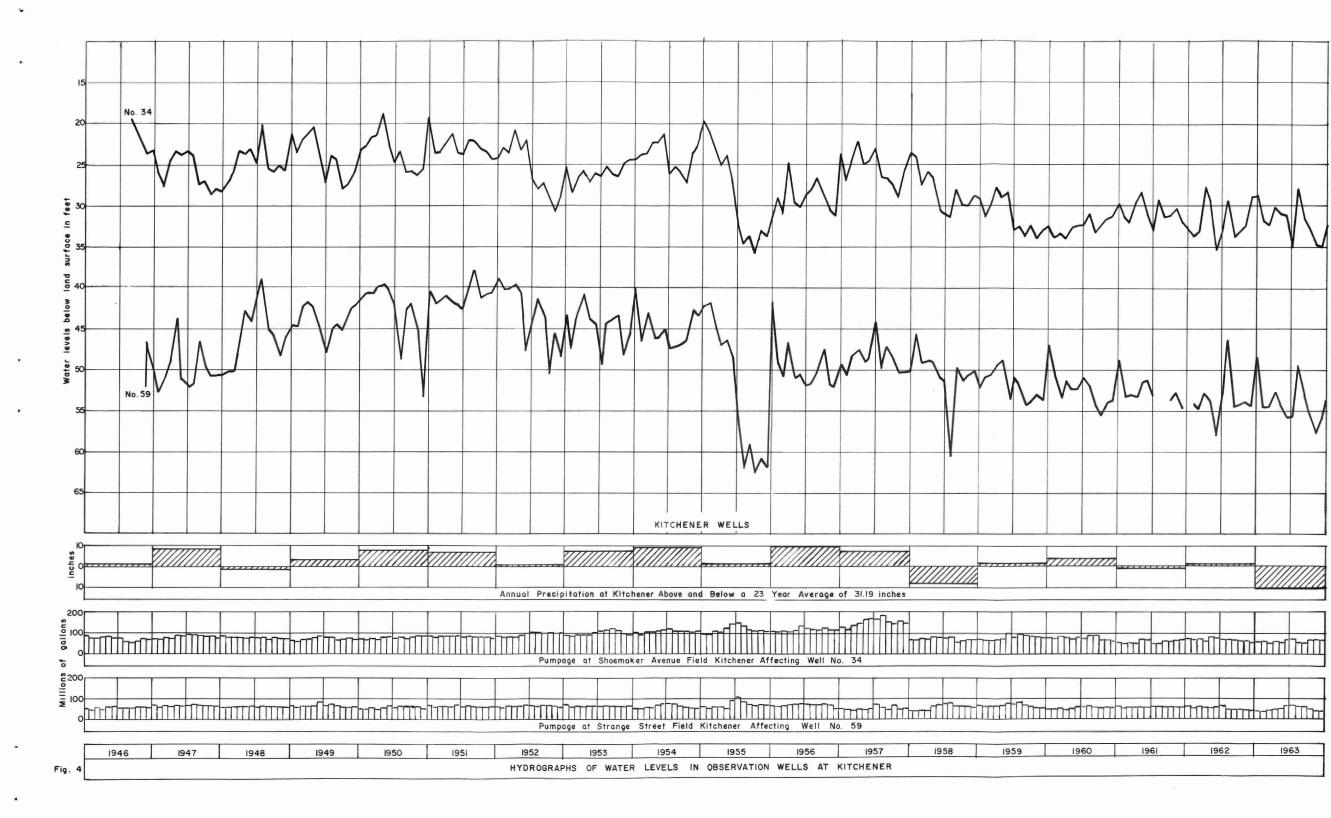
The observation well at Kohler exhibited normal water-level fluctuations over the period but had the greatest changes in level in 1960. At Woodstock there were falling water levels for the period 1960-1963 due mainly to increased water taking for municipal supplies. In contrast, the observation well at Stratford shows considerable improvement of water levels during the 1957-1963 period. This is a result of the fact that the city put more wells into production in areas beyond the Romeo Street well field. The low level of the well at Stratford at the end of the period resulted from the below-average precipitation in 1963.

Figure 2 shows graphs of water levels in three observation wells: No. 15 adjacent to the Thames River in the northern part of London; No. 29 in London's Lambeth well field in the Township of Westminster; and No. 56, an abandoned municipal well at Forest. The graphs of wells No. 15 and 29 reached their









lowest recorded levels late in 1963, following a twelve-month period of very light precipitation. These low levels were preceded by fairly high levels in March. The graphs demonstrate the depletion effects caused by lack of precipitation. At Forest, the lowering water levels in well No. 56 continued to reflect the increasing pumpage from municipal wells.

Figure 3 depicts water levels measured at Elmira and Milton. The striking feature here is the apparent rapid lowering of water levels in observation well No. 33 at Elmira. Since August 1960 an automatic water level recorder has improved the quality of records from this station and changed their nature. Pumping at nearby municipal wells lowers the water level in this observation well. Previous manual measurements did not indicate whether normal or pumping levels were being measured. The recorder chart indicates the normal levels as well as the pumping levels and pumping periods. Since the establishment of the recorder it has been possible to plot the monthly low levels instead of a random manually measured level. At Milton, the low water levels measured at the end of 1963 were exceeded by the year-end low levels of 1952 and 1959, both were years of below average precipitation but were less extreme than 1963.

Figure 4 records water levels measured in well No. 34 at Kitchener's Shoemaker Avenue well field and well No. 59 in the city's Strange Street well field. It is interesting to note here that, although Kitchener put additional municipal wells into production in 1959 beyond the two areas just mentioned, the water level trend to the end of 1963 was downward. The growth of the city with impervious pavement and roof surfaces and improved drainage added to the general depletion of the aquifers by diverting to storm sewers a great deal of precipitation which at one time fell on the recharge areas of the various well fields.

#### Water Wells

Most wells are constructed to obtain a water supply but some are constructed for other purposes—to find and test aquifers suitable for the construction of high-capacity wells, to measure changes of water level in observation wells or changes in water quality in monitoring wells, and to recharge aquifers.

There are many methods for constructing wells. The selection of method depends on the character of formations to be penetrated, the proposed use of the well, the diameter and depth, the quantity required, and economic considerations.

Water supplies from shallow aquifers can be extracted by dug, bored, drilled, driven or jetted wells. Supplies from deep aquifers in the overburden or bedrock can be developed most readily by wells drilled by cable-tool, hydraulic rotary or reverse rotary methods. As a general rule, drilled wells which reach deeper aquifers are less likely to be affected by seasonal variations in precipitation and usually produce a more dependable water supply. Shallow overburden wells are important in areas where drilled wells are deep and costly or where only poor quality water is obtainable at depth. Dug or bored wells generally have larger diameters and provide storage capacity for water percolating slowly into the wells from formations of poor permeability and can sometimes provide sufficient water for intermittent use in relatively poor ground water areas.

In many cases dug or bored wells have not been constructed in a sanitary manner and their water supplies get contaminated. This is caused commonly by rain water or surface drainage entering the well through cracks or openings near the top where contaminants of various kinds exist. All wells should be constructed to prevent surface water getting into the well from the top. In addition to using water-tight materials, the well top should be raised above the ground surface and the ground should be sloped away from the well. The surface seal as well as other parts of a well should be given periodic maintenance, and the water should be tested at regular intervals to ensure a safe and satisfactory supply.

Wells utilized by municipalities or public water supplies come under the jurisdiction of the Ontario Water Resources Commission while private wells have to comply with the regulations of the Ontario Department of Health. Water in private wells should be tested periodically for bacteria and samples should be sent to the nearest Regional Laboratory of the Ontario Department of Health.

When a pumped well has a normal static level and its pumping level keeps dropping, deterioration of the well is indicated. This deterioration could have been caused by a poorly constructed well which did not have a screen in a formation that required one, by the use of the wrong size of screen or by pumping at a rate higher than that recommended for the formation and screen selected, by screen openings or crevices in a rock formation becoming sealed with precipitates of lime or ferruginous scale, or by the destruction of the screen due to electrolytic or bacterial action. Rehabilitation of wells is possible in several cases but will depend on identifying the causes of the problems and the costs involved. Good well construction practices and proper investigations to determine the correct selection of materials and sizes of components are worthwhile investments in the development of water wells.

# Licensed Boring and Drilling Contractors - 1960-1963

Appendix B is a list of licensed water-well boring and drilling contractors for the whole province and the number of wells constructed by each contractor in each of the years under review. The contractors are listed according to their County or District of residence but the wells shown against each contractor were not necessarily constructed in the District or County of residence of the contractor.

# Water-Well Records

All water-well records forwarded by contractors are on file at the office of the Ontario Water Resources Commission in Toronto and are available to the public for reference purposes in the office.

The number of records submitted by contractors for the southwestern area for the period covered by this Bulletin are shown below:

Year	1960	1961	1962	1963
No. of wells reported	2541	2931	3256	3428
Percentage of wells reported to be dry	9	8	10	8

Most of the important information from the records has been compiled in appendix C and summarized in tables IV to VII. All information is essentially as supplied by the driller except for obvious errors which have been corrected by the staff of the Hydrologic Data Branch. The logs have rarely been changed except in a few instances where frequent repetitions of formations in long logs have been combined into more convenient general descriptions.

Wells drilled in parts of townships annexed by adjoining municipalities are recorded generally in the townships in which the wells were situated at the time of construction.

The pumping-test rates, reported in gallons per minute, do not necessarily represent the rates at which the wells could continue to supply water for prolonged periods of pumping. Continuous pumping at the stated rates could have resulted in some of the wells being pumped dry while others may have been capable of being pumped steadily at much higher rates than those carried out during the pumping tests.

Well water intended for use in churches, schools, hotels, and buildings generally occupied by several families or groups of people was classified as public supply under the "Use" heading. Water used in garages, stores, and restaurants was classed as commercial; in factories, greenhouses and dairies, as industrial; for market gardens, as irrigation.

Many test holes had no water data recorded. In most, if not all, of these holes some water was encountered, but as a large supply was being sought, usually for municipal purposes, no attempt was made to measure any flow where the formation or water conditions appeared unfavourable for large yields.

# XX

#### TABLE IV SUMMARY OF WATER-WELL DRILLING DATA FOR 1960

#### SOUTHWESTERN AREA

								000111100											
		Wat	er-Beari	ng Porma	tion			Type	of Wate	r					Jse				
County or District	Total No. of wells Drilled	Over- burden	Bedrock	Not In- dicated		Fresh	Salt	Sulphur		Not In- dicated	Dry Holes	Dom.or	Public Supply	Commer- cial		Irrig- ation		Not In- dicated	Not Used
Brant Bruce Dufferin Elgin Essex Grey Haldimand Huron Kent Lambton Lincoln Manitoulin Middlesex Norfolk Oxford Perth Waterloo Welland wellington Wentworth	79 110 36 112 148 158 85 227 163 90 40 194 146 80 150 150 126 323	46 1 97 98 27 8 66 529 15 129 8 10 94 51 126	33 106 33 914 478 99 735 42 539 466 112 291		3 12 19 2 3 1 85 35 2 2 3 11 10 6 16	71 105 390 95 114 40 81 113 732 155 121 79 139 85 124 286	1 4 5 5 5	6 2 2 34 6 15 7 6 6 6 15 12 8 1 1 4 1 2 5	1	2 8 1 2 1 1 2 2 1 4	3 12 19 2 3 1 85 35 5 23 11 10 6 16	5598 260 999 1056 720 1100 701 1111 121 129 900 1111 276	9 7 5 5 11 12 7 7 8 8 6 6 5 15 3 12 8 7 3 8 12	32542421332162415238	3 8 24 11 13 31 4 13 10	6 1 2 5 27 3	27 2 29 100 2 22 8 10	1	3 5 26 2 3 1 93 50 11 2 15 3 8 1
Total 1960	2541	795	1516		230	2105	18	164	2	22	230	1883	158	63	45	44	113	1	234

#### TABLE V SUMMARY OF WATER WELL DRILLING DATA FOR 1961

#### SOUTHWESTERN AREA Water-Bearing Formation Type of Water Use County Total No Not In- Dry Over-Omer Public Commer- Indus- Irrig- Test Not In- Not Stock Supply cial trial ation Hole dicated Used OF Salt Sulphur Mineral dicated Holes Stock Supply of Wells District Bedrock dicated Holes Fresh Drilled burden 5 8 Brant 111 111 Bruce 78 Dufferin 83 122 Elgin 136 58 131 254 158 18 Essex Grey 127 Haldimand 51 30 8 Huron 89 72 31 80 108 68 Kent Lambton Lincoln 22 6 Manitoulin 1 Kiddlesex 207 16 99 16 5 2 Norfolk Oxford Perth 117 200 94 170 84 Waterloo 30 41 Welland Wellington Wentworth Total 1961 2931 11 202

#### TABLE VI SUMMARY OF WATER-WELL DRILLING DATA FOR 1962 SOUTHWESTERN AREA

							-	DOULIN	SOLEMN A										
			er-Beari	ng Forma	tion			T	ype of W	ter				U	se				
County or District	Total No. of Wells Drilled	Over-	Bedrock	Not In- dicated		Fresh	Salt	Sulphur	Mineral	Not In- dicated			Public Supply		Indus- trial	Irrig- ation		Not In- dicated	
Brant Bruce Dufferin Elgin Essex Grey Haldimand Huron Kent Lambton Lincoln Manitoulin Middlesex Norfolk Oxford Perth Waterloo Welland Wellington Wentworth	129 135 59 112 103 156 73 134 273 191 79 349 244 269 102 191 98 239 270	67 19 98 18 21 10 13 63 27 17 4 207 190 21 130 21 117 8 37 32	62 134 35 10 79 130 60 121 102 104 62 39 92 42 42 87 81 66 83 201 235		54 66 53 108 60 7 50 4 52 8 71 3	120 130 53 100 75 148 56 133 152 109 75 220 223 208 100 181 76 229 243	1 1 6 1 4	6 5 6 21 13 1 4 21 4 22 4 17 8 2 14 17 8 2 14 17 8 2 11 14 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 1 1	2 1 55	54653 108 60 7045 52 8713	83 123 48 96 80 133 61 124 133 74 209 171 174 88 158 77 209 246	75232054841418808609	442 4171 08574 00	1 374 1233 12 13136	36 4 31 4 33 6 2	1 1 108 19 72 14 8	1 1 1 1 2	2 5 7 10 6 3 131 71 1 9 13 3 4 1 4 5 5
Total 1962	3256	1108	1825		323	2671	15	178	7	62	323	2433	135	45	41	91	223	7	281

TABLE VII SUMMARY OF WATER-WELL DRILLING DATA FOR 1963

							S	OUTHWEST	ERN AREA										
		Wat	er-Bearin	g Format	ion	l		Ty	ne of W	ater				υ	se				
County or District	Total No of Wells Drilled		Bedrock	Not In- dicated		Fresh	Salt	Sulphur	Mineral	Not In- dicated		Dom. or Stock	Public Supply	Commer cial	-Indus- trial	Irrig- etion	Test Hole	Not In- dicated	
Brant Bruce Dufferin Elgin Essex Grey Haldimand Huron Kent Lambton Lincoln Manitoulim Middlesex Norfolk Oxford Perth Waterloo Welland Wellington Wentworth	94 132 48 136 131 150 78 187 229 93 46 327 207 189 144 230 90 251 331	48 4 9 98 33 19 5 27 72 13 2 44 7 9 25 4 6 0 14 1 6 5	43 128 37 93 130 1328 1328 1328 1328 1328 1328 1328 1328		3 295113291431935018 1251431935018	84 126 46 123 101 144 61 198 148 198 144 174 136 224 174 136 250 284	1 4 2 1 10 2 4 3 1	25 3 16 122 1 5 14 10 6 4 1 15 26	1 1 2 3	3 1 1	3 2951113291431935 1251431935 18	83 117 42 1095 140 744 168 135 34 269 108 123 206 226 292	6 11 2 9 3 5 2 6 10 14 12 6 7 5 20 8 8 10	2111 21 1133553335	11 351 1312 32121231	1 6 5 40 3	5 30 13 4 3 1 6 19	1 2 3	31 22 13 11 32 151 76 20 30 10 30 30 30 30 30 30 30 30 30 30 30 30 30
Total 1963	3428	1210	1928		290	2930	30	159	7	12	290	2718	150	49	33	57	81	8	332

# APPENDIX A - OBSERVATION WELLS AND WATER-LEVEL MEASUREMENTS SOUTHWESTERN ONTARIC

1960, 1961, 1962, 1963

Levels above land surface +

All other levels are below land surface.

#### Brant County

Observation Well No.:

Observer: Location:

Type: Depth:

85 G.McLaughlin

G.McLaughlin
Brantford township, con 1,lot 29, property of
G.McLaughlin
Dug 24 feet, drilled to 99 feet, used
99 feet
Rock

Aquifer: Recording method: Records commenced: Measuring point:

Automatic recorder September 3, 1959 Top of wooden planking at ground surface

Daily lowest water level from land surface

# 1960

# Dufferin County

Observation Well No.:

Observer:

46
I. Potter
East Luther township, con IV, lot 29
Dug to 20 feet, bored to 35 feet, used
35 feet
Sand Location: Type: Depth:

Aquifer: Recording method: Records commenced: Measuring point:

Manually by tape, approximately every two weeks Nov.27, 1953
Top of wooden plank, 1 foot above land surface

# Distance of water level from land surface

#### 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 5	1.28	Mar.16	1.39	May 21	.68	Jul.25	1.92
Feb. 1	1.19	Apr. 2	.38	Jun. 2	.32	Aug.29	4.03
Feb.22	.95	Apr.11	.82	Jul. 4	1.07	Sep.29	5.63

# 1961

Date	Peet	Date	Feet	Date	Feet	Date	Feet
Jan.19 Feb.13	9.93 10.46			Jul. 1 Jul. 17 Aug. 12 Sep. 12	3.15 3.99 5.14 6.45	Oct.13 Oct.31 Nov.13 Dec. 5 Dec.27	7.74 8.42 8.99 9.60

# 1962

Date	Feet	Date_	Feet	Date	Feet	Date	Feet
Jan.22 Feb. 8 Mar. 6 Mar.20	10.63 10.94 11.23 11.23	Apr. 2 Apr.17 May 17 Jun.23	5.72 2.33 2.44 3.94	Jul. 7 Jul.28 Aug.24 Sep.12	4.56 5.48 6.70 7.56	Oct. 7 Oct. 28 Nov.13 Nov.30 Dec.15	8.50 9.29 7.79 7.47 5.98

# 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.17 Feb.19 Mar. 6 Mar.28	6.24 6.84 7.07 3.10	Apr.24 May 22 Jun.17	0.84 0.60 1.82	Jul.11 Aug.17 Sep.11	3.16 4.86 6.07	Oct. 9 Nov. 5 Nov.21 Nov.28	7.32 8.43 9.06 10.27

#### Haldimand County

Observation Well No.:

Observer: Location:

5 C.W. Beckerson North Cayaga Township, Jones Tract, lot 23, Property of Department of Transport (Canada). Drilled, used 125 feet

Type: Depth:

Aquifer:

Recording method: Records commenced:

Measuring point:

Sand Manually by tape, approximately every two weeks June 29, 1946 Top of collar 1 foot above land surface, elevation 667 feet

### Distance of water level from land surface

# 1960

Date	Feet	Date	Peet	Date	Feet	Date	Feet
Jan.15	35.87	Apr. 1	35.06	Jul. 5	36.02	Oct. 2	39.57
Peb. 1	36.08	Apr.15	34.10	Jul.15	35.69	Oct.15	39.54
Feb.15	35.47	May 2	34.56	Aug. 1	36.82	Nov. 1	39.84
Mar. 2	36.02	May 15	35.42	Aug.15	37.85	Nov.15	39:78
Mar.15	36.84	Jun. 2	36.05	Aug.29	38.46	Dec. 1	
-		Jun.15	36.36	Sep.15	38.85	Dec.15	40.52

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1 Jan.15 Feb. 2 Mar.15	41.16 40.79 41.17 40.55	Apr. 3 Apr.17 May 2 May 15 Jun. 2 Jun.15	39.09 36.78 36.32 35.82 36.58 36.81	Jul. 3 Jul.15 Aug. 2 Sep.15	37.17 36.87 36.95 38.31	Oct. 2 Oct.15 Nov. 6 Nov.15 Dec. 1 Dec.15	38.58 38.84 39.24 38.81 38.23 38.56

# Haldimand County

# 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 6 Jan.15 Feb. 3 Feb.15 Mar. 4 Mar.15	38.96 38.94 37.82 39.42 38.66 37.15	Apr. 1 Apr.16 May 1 May 15 Jun. 4 Jun.16	36.78 36.87 37.05 37.69 38.82 39.13	Jul.16 Aug. 1 Aug.15 Sep. 4 Sep.15	38.83 39.67 39.13 40.36 40.78	Oct. 3 Oct.15 Nov. 5 Nov.15 Dec. 1 Dec.15	41.02 40.89 40.19 39.64 38.65 38.59

# 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 2 Jan.15 Peb. 1 Feb.15 Mar. 3 Mar.15	38.77 39.22 39.54 39.38 39.54 39.62	Apr. 2 Apr.15 May 6 May 15 Jun. 1 Jun.15	39.73 37.26 37.08 37.73 38.49 38.33	Jul. 2 Jul.15 Aug. 1	38.56 38.05 36.89	Oct.15 Nov. 1 Nov.15 Dec. 3 Dec.16	38.78 38.99 38.72 39.88 40.23

# Haldimand County - cont.

Observation Well No.: Observer: Location:

64
C.W.Beckerson
North Cayuga township, Jones Tract, lot 23, property
of Department of Transport
Drilled, used
100 feet

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Limestone
Manually by tape, approximately every two weeks
April 15, 1954
Top of casing at land surface, elevation 667 feet

# Distance of water level from land surface

# 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.15 Feb. 1 Mar. 2 Mar.15	30.82 31.06 32.13 32.41	Apr. 1 Apr.15 May 2 May 15 Jun. 2 Jun.15	32.15 31.67 31.18 30.76 30.36 29.78	Jul. 4 Jul.15 Aug. 1 Aug.15 Aug.29 Sep.15	29.41 29.63 29,53 30.42 29.02 30.54	Oct. 2 Oct.15 Nov. 1 Nov.15 Dec. 1 Dec.15	29.68 30.92 30.78 31.12 32.13 33.47

# 1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1 Jan. 16 Feb. 2 Mar. 15	34.68 38.60 36.13 34.47	Apr. 3 Apr.17 May 2 May 15 Jun. 2 Jun.15	34.96 32.68 31.82 31.37 31.06 31.42	Jul. 3 Jul.15 Aug. 2 Sep.15	31.78 31.23 30.66 31.23	Oct. 2 Dec. 5	31.87 34.23

# 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 6	35.42	Apr. 3	33.53	Jul.16	35.53	Oct. 3	36.14
Jan.15	35.18	Apr.16	33.26			Oct.15	35.78
Feb. 3	34.92	May 1	33.22	Aug. 1	36.54	Nov. 5	34.86
Feb.15	35.42	May 15	33.37	Aug.15	35.94	Nov.15	35.12
Mar. 4	35.18	Jun. 4	35.77	Sep. 4	35.06	Dec. 1	35.23
Mar.15	34.26	Jun.16	35.36	Sep.15	35.84	Dec.15	35.10

Date	Feet	Date	Peet	Date	Feet	Date	Feet
Jan. 2 Jan.15 Feb. 1 Feb.15 Mar. 3 Mar.15	34.97 35.32 35.67 35.38 34.75 35.15	Apr. 2 Apr.15 May 6 May 15 Jun. 1 Jun.15	35.41 34.28 33.62 34.47 35.59 35.87	Jul. 2 Jul.15 Aug. 1	36.82 35.16 34.08	Oct.15 Nov. 1 Nov.15 Dec. 3 Dec.16	34.82 35.23 34.92 35.57 35.83

# Lambton County

56
S.Ellerker
Town of Forest, Hickory Creek Drainage Basin
Drilled, municipal, abandoned.
110 feet
Overburden
Automatic recorder
Nov.28, 1946
Top of pump base 1.63 feet above land surface

Observation Well No.: Observer: Location: Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Daily lowest water level from land surface

# 1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	84.65	84.09			82.23	82.31	83.13	85.28	86.42	86.32	87.20	87.92
2		84.17	84.14			82.02	82.95	86.05		86.36		87.81
3	83.57	84.69			82,14	82.03	82.95	86.05	86.89		86.94	87.65
4	83.89	84.36	83.47		82.24	82.02	83.49	84.74	85.82	86.25	87.14	87.36
5	83.89	84.00	83.62		82.31	82.04	83.59	85.69	85.87	86.21	86.92	87.02
6	84.02	83.27	83.74		82.27		83.65	86.05	85.81	85.91	87.94	87.01
7 8		83.51	83.72		81.93	82.30	83.59	86.04	25.93	86.23	87,59	87.03
		83.46	83.92					85.27	86.91	86.30	87.20	87.16
9	84.61	83.22	83.77			82.67		85.47	86.91	86.04		87.16
10	84.17	83.99	83.69	83.52		82.74			86.67	85.87	87.31	87,17
11	84.21	83.32	83.95	83.13	81.67	82.60		85.40	86.22	86.95	87.20	
12		83.89	84.01		81.82	82.32	84.62		85.92	86.02		87.22
13		84.08	83.88		81.75	82.11		85.21	85.99	86.00		87.43
14		83.47	83.62			82.11			86.05		87.04	87,00
15 16		83.61	83.69		81.73	82.09	84.11	85.56	86.32 86.37	86.21		87.12
17		84.09	83.40	82.77	81.60	82.30		85.44	86.30	86.10		87.11
18	83.52	84.17	83.50		81.82	82.51				87.69	86.61	87.13
19	83.59	83 42	83.32	83.08		82.59	83.98	85.28	85.92			87.22
20	85.50	83 84	83.38	82.95	81.95	82.62	83.95	85.12	86.24	86.57	86.74	87.27
21	85.46	83.78	83.34	82.53	81.93	82.76	85.14	85.87	86.25	86.59	86.60	86.62
22	84.12	83.44	83.39	82.43	81.75		84.80	85.29	86.19		86.61	
23	84.17	83.75	83.64	82.47	81.72	82.55			86.24	87.12	86.94	
24	84.18	83.89	83.32	82.28		82.67	85.20		86.17	86.78	86.93	87.36
25	83.94		83.67	82.13	82.14	83.11				86.71	86.75	87.10
26	83.92	83.18	83.53	82.13		83.09				86.62	86,59	86.99
27	84.02	83.67	83.53	82.20	82.06					87.68		87.27
28	84.08	83.77	83.59	82.45	82.22	83.10	84.84	85.50		87.47	86.64	87.29
29	84.27	83.62	83.39	82.50	82.29	82.94				87.44		86.95
30	84.44		82.92	82.09	81.98	83.09				87.55	87.47	86.71
31	84.17		82.92	,	81.87		85.40			86.93		86.70

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec_
1	87.00	87.40	87.02	85.37	85.09	84.87	87.41	87.82	86.82	.87.52	88.28	88.83
2	87.05	87.59	86.69	*****	85.14	84.87	86.97	87.34		87.49	88.10	88.74
1 2 3 4	86.88		86.58		85.53		86.66	87.32	88.00	87.47	88.69	89.87
4	86.80		86.83		85.75	85.44	86.75	88.25		87.47	88.10	89.62
5	86.76	87.59	86.59	85.32	85.80	85.27	87.44	87.67	86.59	87.32		89.33
6	86.53	87.42	86.56	85.65	85.68	85.31	88.29 87,62	87,87	87,08	87.44	88.75	88.89
7 8	86.58	87.32		85.84	85.23	86,12	87,62	87,87	87 .19	87.54	88.75	88.99
8	86.88	87.07	86,56	86.15	84.96	86.18	87.24	87,68	87930	88.39	88.64	88.95
9	87.27	86.77	86.30	86.17	84.99	86.15	87.15	87,35	87,44	88.24	88.37	89,09
10	87.27	87.09	86,74	85.35	85,34	86.04	87.82	87.27	87,35	88.91	88.82	89.13
11	87.15	87.23	86.60	85.84	85.43		88.03	88.22	87.05	87.56		89.14
12	87.23	87.43	86.75	85.84	85.28	85.47	88.28	87.72	87.57	87.57	:::::	38.45
13	87.25	87.43	86.75	85.40	85.09	85.39	88,28		87.54	87.47	88.88	89.17
14	87.10	87.32	85.96	85.55	85.00		87.92	87.30	86.79	87.57	89.00	89.00
15	86.91	87.37	86.09	85.55	84.85		87,38	87,22	86.84		88.99	90.07
16	87.03	87.62	87.31	84.94	85.37	86.72		87.44	87.82	87.80	88.99	89.76
17	86.91	87.17	86.74	85.07	85.54	86.11	87.13	87.55	87.96	87.35	88.67	88.29
18	87.26	87.11	86.64	85.75	85.43	86.69	87.97	87.51	87.88	87.30	88.72	88.11
19	87.26	87.55	86.35	86.02	85.31	86.69	87.95	87.39	87.67	87,19	89,21	88.07
20	86.95	87.63	86.64	86.13	85.30		87.55	86.93	88.51	87.43	89.21	89.42
21	86.99	87.60	86.33	85.83	85.00	85.82	87.31	86.77	88.34	87.49	89.20	89.00
22	87.00	87.31	85+99	85.74	85.06	85.78	87.29	86.75	88.22 87.68	88.22	89.20	88.57
23	86.89		85.93	85.51	85.17	85.63	87,24	86.77	87.68	87.73	88.95	88.31
24	87.45		86.11	84.84	85.07	85.87	87.01	86.77	87.57	87.32	89.71	88.23
25 26	87.12	86.69	86.21	85.08	89.93	85.84	87.17	86.69	81.57	87.27	89.39	88.14
20	87.28	86.21	86.14		85.17		87.94	86.65	87.02		89.39	88.03
27	87.30	86.90	85.52	85.64	85.32	86.03	87.69	86.77	88.17	87.74	89.24	89.88
28	87.04	87.09	85.64	85.25	85.11	86.03	87.53	86.52	88.28	88.11	88.74	87.84
29	87.15		85.97	85.48	85.50	87.42	87.54	86.85	87.50	88.69		87.82
30	87.34		86.01	85.28	85.52	87.44	87.28	86.92	87.27	87.92	89.62	
31	87.17	* * * * * *	85.94	****	85.42		87.92	86.91	*****	87.10		

# Lambton County - cont.

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1274 56 78 90111274 156 178 9011274 156 2224 256 28901	88.45 88.10 87.53 88.32 88.12 87.24 87.25 88.18 88.49 88.49 88.31 88.38 88.31 88.39 88.31 88.39 88.31 88.39 88.31 88.39 88.31 88.39 88.31 88.39 88.30 89.30 80 80 80 80 80 80 80 80 80 80 80 80 80	88.44 88.59 88.59 87.83 88.05 88.39	88 617 88 321 88 88 21 88 88 88 88 88 88 88 88 88 88 88 88 88	87.97.97.97.441.414.44.44.44.44.44.44.44.44.44.44.4	86.6.5.5.5.7.7.7.5.4.5.4.9.0.4.7.9.3.1.4.4.9.0.0.0.0	88.85 88.87,75 88.77,75 88.77,75 88.99 88.99 88.32,75 88.09 88.01 88.09 88.01 88.09 88.01 88.09 88.01 88.09 88.01 88.09 88.01 88.09 88.01 88.09 88.01 88.09 88.01	88.37	89.28 89.05 88.87 88.85 88.85 89.09 89.49 89.49 89.01 88.75 89.01 88.77 88.77	89, 45 89, 03 88, 93 89, 18 89, 22 88, 90 88, 74 88, 74 88, 88, 74 88, 88, 74 89, 26	90.47 90.47 90.12 90.05 90.29 90.20 90.49 90.87 90.87 90.44 90.51 89.99 89.89 89.89	88.72 88.94 88.94 88.64 88.79 88.88 88.88 88.88 88.88 88.89 88.32 88.32 88.30 88.37 88.30 88.37 88.30 89.30 80 80 80 80 80 80 80 80 80 80 80 80	87.95 87.669 87.698 86.97 86.97 86.97 87.520 87.124 87.520 87.124 87.224 87.224 87.24 87.25 87.47 87.77 87.77 87.77 87.77 87.77 87.77 87.77 87.77 87.77 87.77 87.77 87.77 87.77 87.77 87.77

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 24 22 26 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	87.494 87.324 87.224 87.224 887.224 886.732 886.653 886.653 887.75 886.653 887.457 887.465 886.987 887.465 886.987 887.465 886.987 887.465 886.987 887.465 886.987 887.465 886.987 887.465 886.987 887.465 886.865 887.465 886.865 886.87 887.465 886.87 887.465 886.87 887.465 886.87 887.465 886.87 887.465 886.87 887.465 8	87.292 87.527 87.527 87.27 87.27 87.27 86.886 86.87 87.27 86.886 86.57 87.24 86.86 87.12 86.86 87.12 86.86 87.12 86.87 87.27 87.27 87.27 87.27 87.27	87.19 87.22 87.36 87.61 87.36 87.32 87.32 87.38 87.38 87.38 87.52 87.54 87.56 87.76	87.77.780 87.57.804 87.49.603 87.49.603 87.49.603 87.49.603 87.49.603 87.603 87.766 87.766 88.6666 886	86 7 7 2 2 2 6 8 6 6 6 6 7 5 9 2 2 9 1 1 2 1 2 2 4 1 9 1 1 2 1 2 2 4 1 9 1 1 2 1 2 2 4 1 9 1 1 2 1 2 2 4 1 9 1 1 2 1 2 2 4 1 9 1 1 2 1 2 2 4 1 9 1 1 2 1 2 2 4 1 9 1 1 2 1 2 2 4 1 9 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	87 - 29 9 49 7 88 7 - 29 9 86 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	90.244 90.049 90.308 90.308 90.308 90.308 90.312 90.312 90.312 90.312 89.705 89.87 89.87 89.87 89.87 89.87 89.87 89.87 89.88 89.87 89.87 89.87 89.88 89.87 89.88 89.87 89.88 89.87 89.88 89.87 89.88 89.87 89.88 89.87 89.88 8	89.0052888.9925888.9925888.9925888.9925888.9925888.9925888.9925888.9928888.9928888.99288888.99288888.99288888.99288888.99288888.99288888.99288888.992888888.992888888.992888888.99288888888	88.629 88.80 88.82 89.02 88.975 88.74 88.79 88.71 89.20 88.71 89.20 89.10 89.10 89.10 89.10 88.45 89.14 89.63 88.49	88.71 888.54 88.72 89.34 89.39 89.54 90.54 90.54 90.82 90.82 90.82 90.82 90.91 91.54 91.54 91.59 91.54 91.59 91.54 91.54 91.59	90.428 91.306 91.306 990.62 990.23 89.92 90.23 89.92 90.28 990.28 990.28 89.89 89.89 90.27 89.88 90.26 89.79 89.88 90.26 89.79 89.88 89.89 89.80 89.80 89.80 89.80 89.80 89.80 89.80 80 80 80 80 80 80 80 80 80 80 80 80 8	89.057 89.807 89.808 88.8147 88.61 89.257 88.61 89.144 89.257 88.87 89.844 88.61

# Middlesex County

Observation Well No.:

Observer: Location:

Type: Depth:

15 O.W. Logan City of London, property of London Public Utilities Commission Drilled, gauge

40 feet

Aquifer: Recording method: Records commenced: Measuring point:

Sand and gravel
Manuelly, by tape
Jul.30, 1946
Top of casing 2 feet above land surface, elevation
786 feet

#### Distance of water level from land surface

#### 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.28	8.79	Apr.13 May 12 Jun.28	3.46 5.24 7.02	Jul.29 Sep. 3 Sep.30	9.77 12.09 12.67	Nov. 4 Dec. 9 Dec. 30	13.17 13.69 13.64

#### 1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.30	12.59	May 5	8.01	Jul.25	10.33	Nov. 6	11.39
Mar. 7	7.25	Jun. 9	9.21	Sep. 5	10.78	Dec. 5	10.60
Mar.20	7.74	Jun. 29	10.48	Sep.28	11.34	Dec.29	10.83

#### 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 6 Feb.28 Mar.29	11.33 11.33 1.87	Jun. 1 Jun.28	10.29 11.30	Aug. 7 Sep. 6	11.69 12.68	Oct. 9 Nov. 6 Dec.14	13.13 10.39 9.92

#### 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 7	10.43	Apr. 3	2.12	Jul. 4	10.63	Oct.10	13.67
Jan.31	10.92	May 8	7.96	Jul.31	11.54	Nov. 5	13.95
Mar. 1	12.17	Jun. 5	9.02	Sep. 4	13.00	Dec. 2	13.70

# Middlesex County - cont.

Observation Well No.:

Observer: Location:

29 0.W.Logan

v.w.Logan
Westminster township, con II, lot 48. Property of
G. Uptigrove
Drilled, test
96 feet.
Sand and gravel Type: Depth: Aquifer: Recording method: Recording commenced: Measuring point:

Automatic recorder Jan.24, 1952 Top of casing 3.60 feet above land surface

Daily lowest water level from land surface 1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	18.00	18.18			15.12	15.40	16.11	17.30	18,28	19.35	20.24	20.69
2	18.00	18.22		****	15.13	15.44	16.13	17.35	18.33	19.38	20.26	
3	18.00	18.25			15.15	15.45	16.15	17.37	18.35	19.42	20.28	20.66
4	18.01	18.27			15.17						20.29	
5	18.02	18.31	***	*****	15.17	15.50	16.21					
5	18.04	18.30		*****	12.19	15.60	16 22	17.47	19 11	10.52	20.33	20.7
7	18.05			12.00	13.22	15.00				19.56		
7	18.08	18.30		17.92	15.25	15.00	16.25			19.59		
9	18.09		****	17.70	15.26	15.71	16.30			19.63		
10	18.10	****		17.52	15.24	13.40	16.34	17.20	10.27	10.69	20.37	
11	18.13			17.35	15.24	15.83	16.38	17.00	10.00	19.71	20.38	20.7
12	18.14	****		17.20	15.22	15.89	16.40	17.00	10.05	19.71		
13	18.15		****	17.08	15.17	15.95	16.45	17.02	10.00	19.75	20.42	
14	18.15					16.02	16.49	17.65	18.00	19.80		
				16.89	15.07	16.05	16.54		10.00	19.83		
15 16	18.14	****		16.82	15.04	16.13	16.58				20.47	20.8
17	18.11				15.02		16.63		18.83			
18	18.09			16.38	15.01				18.85		20.49	
19	18.07	*****			15.02	16.13	16.72			19.94		
20	18.04	****		16.03	15.02	16.13	16.77	17.85	18.94	19.97	20.55	
	18.03	*****	*****		15.02	16.13	16.80	17.88	18.95	20.00	20.55	
21	18.02	****		15.39	15.03		16.85					
	18.02			15.35	15.05	16.10	16.90	17.95	19.06	20.04		
23	18.02	****		15.30	15.07	16.06	16.95	17.97	19.08	20.05	20.55	
24	18.02			15.60	15.10	16.05	17.00	18.00	19.14	20.07	20.55	****
25 26	18.03			15.18	15.18	16.05	17.05	18.05	19.17	20.09	20.55	
	18.03	*****		15.15	15.15	16.05	17.10	18.10	19.20	20.12	20.55	****
27	18.07				15.21		17.15	18:12	19.23	20.15	20.56	
28	18.11				15.24		17.20	18.16	19.26	20.18	20.58	
29	18.12				15.28			18.18	19.30	20.19		
30	18.13				15.32	19.09	17.25		19.32			
31	18.15			19.12	13:35	19.09	17.27	18.25		20.23		

Dáy	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul,	Aug.	Sep.	Oct.	Nov.	Dec.
2345678910112345678910112345678990	21,13,21,156,21,162,21,162,21,182,21,	21.22 21.19 21.17 21.16 21.10 21.08 21.09 20.94	199.55556 3255569 199.607 1199.608 1188.644 1188.644 1188.639 1188.644 1188.639 1188.63	188.23 188.22 188.22 188.23 188.33 188.33 188.34 188.47	16.45 16.38 16.10 16.00 15.92 15.87 15.87 15.88 15.90	16.41 16.44 16.50 16.53 16.56 16.60	17.28 17.355 17.44 17.555 17.655 17.89 117.655 17.89 117.655 117.89 118.22 118.22 118.23 118.23 118.23 118.33 118.	444444444444444444444444444444444444444	18.549, 18.44188.45188.4	18.45 18.47 18.52 18.52 18.55 18.56 18.66 18.77 18.87 18.89 18.95 18.95 18.95 18.95 18.95 19.15 19.15 19.15 19.15 19.15	19.45 19.55 19.55 19.56 19.72 19.77 19.78 19.83 19.83 19.94 19.98 20.05 20.05	20,45 20,46 20,49 20,50 20,55 20,55 20,55 20,66 20,66 20,66 20,67 20,68 20,72 20,72 20,72 20,72 20,72 20,73 20,75

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	20.96		21.25	19.52	19.98	20.92	21.52	22.05	22.20	22.50	22.83	22.60
2		21.15	21.26	19.47	20.01	20.95	21.54	22.05		22.51	22.83	2.63
3 4		21.15	21.27		20.04	20.98	21.55	22.06	22.21	22.51	22.87	22.65
4		21.14				21.01	21.56	22.06	22.22	22.52	22.88	22.69
5		21.14	21.26			20.03	21.58	22.06		22.53	22.92	22.72
6		21.14	21.26			20.06	21.60	22.07	22.23	22.54	22.93	22.74
7		21.14	21.26				21.62			22.54	22.95	22.75
8		21,12	21.26				21.64	?2.07	22.25	22.55		22.77
9		21.11	21.26				21.65		22.26	22.55		*****
10		21.10					21.67	22.07	22.28	22.55		
11		21.09	21.26			20.18	21.69	22.08	22.30	^2.56	23.00	****
12		21.08					21.71	22.08	22.30	22.57		
13		21.08	21.24			21.21	21.73	22.09	22.31	22.58		****
14		21.08				21.23	21.75	22.10	22.33	22.59		****
15		21.08			20.38	21.25	21.77	22.10		22,60		
16		21.08				21.26	21.79	22.11	22.35	22.60		****
17		21.09	20.93	19.55	20.46	21.27	21.80			22.62		
18	*****	21.10	20.80	19.57		21.29	21.83	22.13	22.37	22.64		
19	****	21.11	20.68	19.60		21.30	21.85		22.37	22.66		****
20		21.13		19.63		21.32	21.88		22.38	22.63		
21	*****	21.14	20.42		20.56	21.34	21.89	22.14	22.41	22.65		
22		21.15	20.27		20.59	21.36	21.90			22.66		****
23		21.17	20.15		20.62	21.37	21.94	22.15	22.43	22.67		
24		21.18	20.04			21.38	21.95	22.15	22.44	22.69		
25	****	21.20			20.69	21.39	21.97	22.16	22.45	22.70		
26		21.21	19.88		20.72	21.41	21.98			22.72		
27 28		21.23	19.82		20.75	21.45	21.99		22.47	22.74		
	*****	21.23	19.76			21.46	22.00		22.48	22.75		
29			19.68		20.81	21.48	22.01	22.18	22.48	22.78	22.56	
30		****	19.63		20.85	21.50	22.03		150 E. C. C. C.			
31	*****	****	19.57	****	20.88	****	22.03	22.20	****	22.82	****	

1963

Day_	Jan.	Feb.	Mar,	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Day 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 1 1 1 2 3 4 5 6 7 8 9 1 1 1 2 3 4 5 6 7 8 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Jan. 23.12	Peb.	23.88 23.88 23.88 23.992 23.992 23.995 23.998 24.002 23.998 24.002 23.995 23.23.27 2	Apr. 558 781 155.781 155.669 388 155.781 155.588 302 166.020 166.678 880 157.717.452 177.452 1	17.87 17.95 18.07 18.13 18.27 18.37 18.27 18.37 18.42 18.44 18.45 18.45 18.49 18.52 18.52 18.58 18.58 18.58 18.63 18.70 19.73 18.81 18.88 18.88 18.88	Jun. 19.02 19.07 19.14 19.12 19.12 19.12 19.12 19.22 19.22 19.22 19.23 19.33 19.44 19.23 19.35 19.45 19.55 20.19 19.70 19.77	19.85	21.16 21.19 21.23	Sep	23.23.30 23.30 23.30 23.30 23.30 23.32 23.34 23.45 23.48 23.55 23.46 23.56 23.66 23.66 23.66 23.66 23.66 23.66 23.66	Nov. 23.75 23.77 23.779 23.83 23.83 23.83 23.86 24.00 26.00 26.00 26.00 26.00 26.00 26.00 26.00 26.00 26.00 26.00 26.00	Dec. 24.13 24.14 24.15 24.15 24.15 24.15 24.15 24.15 24.15

# Middlesex County

71
O.W.Logan
Westminster township, North Telbot Road East side, lot 22
Dug, seldom used
30 feet
Overburden
Automatic recorder
Oct.16,1958
Top of well platform at land surface

Observation Well No.:
Observer:
Location:
Type:
Depth:
Aquifer:
Recording method:
Records commenced:
Measuring point:

Daily lowest water level from land surface

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 17 18 19 20 21 22 23 24 25 6 27 28 29 30 31	4.29 4.35 4.15 4.29 4.34 4.46 4.34 4.45	59 50 2 566 0 74 3 7 738 4 2 7 2 7 7 7 7 7 8 8 6 7 2 7 7 7 7 8 8 6 7 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	55.88 55.88 55.89 55.99 66.01 66.11 55.55 55.99 66.01 66.21 66.23 66.33 57.33 66.44 66.23 66.33 66.33 66.44 66.42 66.55 55.55	5.16	4.52 4.67 4.67 4.87 4.87	4.996117383849386633223665377 2.2333449386633223665377 		7.12 7.15 7.17 7.20 7.41 7.44	7.46 7.55 7.55 7.55 7.55 7.75 7.77 7.77 7.7	80010680246824792570258105805	8 9 9 9 0 0 0 0 6 1 1 2 4 7 0 0 7 5 6 8 8 9 0 0 0 0 6 1 1 2 4 7 0 0 7 5 6 8 1 4 7 0 0 7 5 6 6 6 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	9.72 9.75  10.56 10.61 10.64

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 23 4 5 6 7 8 9 10 11 11 12 13 14 14 15 16 17 18 19 20 21 22 24 25 26 26 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	Jan. 10.70 10.73 10.76 10.79 10.85 10.87 10.91 10.94 10.96 11.02 11.05 11.10 11.13 11.23 11.37 11.37 11.41 11.48 11.48 11.48 11.66	11.62 11.65 11.68 11.71	Mar. 11.73 11.76 11.78 11.78 11.78 11.75 11.69 11.69 11.67 11.62 11.46 11.39 11.38 11.38 11.37 11.37 11.37 11.37 11.37 11.37 11.37 11.39 11.39 11.39 11.39	10.90 10.89 10.88 10.86 10.85 10.82 10.78	May 7.333 7.264 7.227 7.229 7.206 6.869 6.894 7.052 7.18 7.227 7.322 7.322 7.322 7.536 7.648 7.75	Jun. 7.753697.7935858997.9958109588.005588.00911314688.119588.119588.1172	Jul. 8.12 8.12 8.12 8.12 8.12 9.12 9.12 9.12 9.12 9.12 9.12 9.13 9.13 9.13 9.13 9.13 9.13 9.13 9.13	# 4 50048 0 0 4 4 7 9 1 6 8 7 8 5 1 5 1 7 8 9 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	9. 4 3 5 4 3 5 5 5 5 5 4 5 5 5 8 1 1 0 0 0 0 9 9 8 5 5 5 5 4 0 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0ct. 8.1888.1888.19788.17788.17788.17788.17788.17788.17788.17788.17788.1888.1888.20088.20088.20088.20088.20088.20088.200	Nov- 200 8.201 202345688.221 20345688.221 203456888.22234455678990222344555	Dec. 8.25 8.25 8.25 8.25 8.27 7.99 8.37 7.99 8.87 8.79 8.87 8.77 8.77 8.77 8.7

	ep. Oct. Nov. Dec.	Aug.	Jul.	Jun.	May	Apr.	Mar.	Feb.	Jan.	Day
1         7.71          7.63         7.04         7.31         8.00         8.58         13.80         16.2           2         7.71          7.66         7.10         7.33         8.05         8.60         13.70         18.3           3         7.70          7.69         7.15         7.35         8.05         8.65         13.50         20.0           4         7.70          7.71         7.22         7.38         8.07         8.65         13.32         20.           5         7.68          7.74         7.26         7.41         8.09         8.66         13.17         19.           6         7.64         7.45         7.76         7.30         7.41         8.13         8.70         12.85         20.           7         7.62         7.48         7.80         7.33         7.44         8.13         8.70         12.85         20.           8         7.62         7.48         7.80         7.33         7.46         8.19         8.76         12.55         19.           9         7.63         7.51         7.82         7.33         7.46         8.1	.55 12.50 11.37 .68 12.49 11.35 .40 12.47 11.33 .12 12.45 11.28 .62 12.45 11.24 .38 12.44 11.20 .38 12.44 11.20 .53 12.42 10.77 18 12.42 10.55 11.70 10.50 11.57 10.44 11.55 10.43 11.55 10.43	13.80 13.70 13.50 13.52 13.17 13.00 12.85 12.75 12.40 14.96 14.73 14.52 14.50 13.72 13.57 13.42 13.57 13.42 13.57 13.42 13.57 13.42 13.57 13.42 13.57 13.42	58 660 666 666 666 666 778 88 88 88 88 88 88 88 88 88 88 88 88	88888888888888888888888888888888888888	7.31 7.3358 7.341 7.444 7.446 7.555 7.557 7.664 7.758 7.768 7.768 83	7.04 7.10 7.1526 7.26 7.33 7.33 7.33 7.33 7.33 7.33 7.33 7.3	77.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7		7.71 7.70 7.70 7.68 7.62 7.62 7.63 7.63	1 2 3 4 5 6 7 8 9 11 12 14 15 16 17 18 19 20 11 23 4 5 20 21 22 23 24 25 26 26 27 27 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 5 6 7 8 9 10 1 11 12 13 14 15 16 17 18 19 20 11 21 21 21 21 21 21 21 21 21 21 21 21	10.05 10.03 10.02 10.00 9.98 9.97 9.94 9.92 9.86 9.86	9.73 9.772 9.72 9.72 9.72 9.666 9.67 9.6668 9.72 9.72 9.74	5799652434555545727868256669201110 777766666665544473333344443321110	9.10 9.1145 9.1168 9.1168 9.2246 9.23124 9.235 9	999999988888888888888888888888888888888	8.87 8.88 8.90 8.91 8.91 8.88 8.90 8.86 8.87 9.01 8.88 8.99 9.01 9.03 9.04 9.09 9.09 9.09	9.14 11.95 14.22 17.47 19.52 19.72 20.88 22.34 23.10 25.15 26.08 23.10 25.25 28.30 28.30 28.30 28.30 28.30 28.30 28.30 28.30 28.30 28.30		28.30 28.00	27.28 26.73 26.22 25.75 25.32 24.53 24.53 23.24 22.83 23.24 22.90 22.18 22.40 22.18 21.97 21.37 21.37 21.26 21.08 20.93 20.77 20.47 20.19 20.19 20.19 20.19 20.19	19.66 19.47 19.38 19.32 19.16 19.22 19.16 19.03 18.97 18.87 18.87 18.76 18.66 18.66 18.57 18.57 18.57 18.57 18.57	18.58 18.58 18.60 18.61 19.62 18.64 18.65 18.69 18.73 18.73 18.73 18.73 18.73 18.73 18.73

#### Middlesex County

Observation Well No.:

Observer: Location:

Hydro-Electric Power Commission Personnel
City of London, formerly Westminster Township, con II,
lot 18, Property of the Hydro-Electric Power Commission
of Ontario
Drilled, used
153 feet
Cravel and sand
Airline reading
Feb. 3, 1960
Computed from airline readings

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Distances of water level from land surface

# 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Mar. 1 Mar. 3 Mar.15	69.00 74.00 65.00	Apr. 2 May 2 May 16 May 26	71.00 71.00 69.00 65.50	Jul. 4 Jul.15 Jul.21 Sep.15	72.00 76.00 74.00 69.00	Oct.15 Nov. 2 Nov.14 Dec. 1	70.00 72.00 67.00 67.00

# 1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	74	Apr. 3	73	Jul. 9	73	Nov. 2	70
Jan.16	73	May 2	73.5	Aug.16	75	Nov.21	72
Feb.15	73	May 4		Sep.27	73	Dec.14	69
Mar. 2	74	Jun. 1	73.0				

# 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 1 Feb.19 Mar. 5 Mar.15	73 70 72 69	Apr. 4 Apr.28 Jun. 6 Jun.18	75 69 75 71	Aug. 4 Aug.17 Sep. 2	71 84 73		

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Mar. 1 Mar. 5	43 72	Jun. 5	79	Aug. 3 Sep. 2	73 73		

#### Middlesex County

Observation Well No .:

Observer: Location:

Middlesex County
73
Hydro-Electric Power Commission Personnel
City of London, formerly Westminster township, con II,
lot 18, property of Hydro-Electric Power Commission
of Ontario.
Drilled, used
220 feet
Shale
Manually, by tare

Type: Depth: Aquifer: Recording method:

Manually, by tape Feb. 3, 1960 Opening in pump base 3.7 feet above land surface Records commenced: Measuring point:

# Distances of water level from land surface.

#### 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 3 Mar. 1 Mar. 3 Mar.15	53.87 53.81 60.52 54.62	Apr. 2 May 2 May 16 May 26	56.30 53.65 53.63 58.30	Jul. 4 Jul.15 Jul.24	53.91 64.30 63.20	Nov. 3 Nov.14 Dec. 1	64.77 64.80 64.74

#### 1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3 Jan.16 Feb.15 Mar. 2	68.15 66.04 67.43 67.93	Apr. 3 May 2 Jun. 1	67.12 66.76 68.80	Aug.16 Sep.27	71.30 68.80	Nov. 2 Nov.21 Dec.14	76.70 71.80 69.80

#### 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 1 Feb.19 Mar.15	67.15 69.40 71.20	Apr. 4 Apr.28 Jun. 6 Jun.18	67.5 69.20 68.26 72.07	Aug. 4 Aug.17 Sep. 2	66.85 75.80 74.30	Dec. 4	74.20

# 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Mar. 1 Mar. 5		Jun. 4	71.50	Aug. 4 Sep. 2	79.15 67.90		

# Middlesex County

Observation Well No.:

Observer: Location:

86

F.Anderson Village of Glencoe, property of Glencoe Public Utilities Commission

Drilled 215 feet Overburden Type: Depth: Aquifer:

Recording method: Records commenced:

Measuring point:

Automatic recorder
Dec. 4, 1959
Top of shelter platfrom 3.8 feet above land surface

Daily lowest water level from land surface 1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 17 18 19 20 21 22 32 45 66 27 8 29 30 1	75.524 775.546 775.591 775.663 775.668 775.75.75 775.75.75 775.75.88 775.88 775.88 775.99 775.99 775.99 775.99 775.99 775.99 775.99 775.99 775.99 775.99	76.08 76.10 76.11 76.12	76.22 76.25 76.25 76.27 76.30 76.30 76.30 76.31 76.32 76.34 76.39 76.40 76.51 76.52 76.52 76.52 76.52 76.52	76.52 76.54 76.558 76.652 76.652 76.662 76.663 76.73 76.80	76.48 76.48 76.48 76.48 76.48 76.50 76.50 76.51 76.52 76.52 76.52 76.52 76.52 76.52 76.52 76.52 76.52 76.52 76.52 76.52 76.52 76.52 76.53	76. 77 76. 89 76. 88 76. 89 76. 99 76. 99 76. 99 76. 99 76. 92 76. 12 76. 12 76. 20 76. 25 76. 45 76. 52 76. 52 76. 78 76. 85 76. 99	76.95 77.07 77.07 77.20 77.27 77.34 77.50 77.65 77.65 77.68 77.68 77.68 77.68 77.68 77.68 77.70 77.70 77.80 77.70 77.80 77.80 77.80 77.80 77.70 77.80 77.70 77.80 77.70 77.80 77.70 77.80 77.70 77.80 77.70 77.80 77.80 77.70 77.80 77.70 77.80 77	79.90	79.32 78.994 78.992 78.992 79.000 79.011 79.02 78.99 78.893 78.883 79.10 79.10 79.10 79.10 79.45 79	77.81 77.62 77.63 77.38 78.02 78.30 78.28 78.47 78.57 78.65	78.40 78.52 78.40 78.48 78.91 79.08 79.18 79.13 79.18 79.18 78.48 78.89 78.48 78.91 79.14 79.22 78.82 79.92 79.04 79.79 79.22 78.82 79.79 79.79 79.79	78.90 78.9548 78.9548 78.559 78.5678 78.766 778.768.772 78.445 777.662 778.445 777.777 777.7777 777.77777 777.77777777

		Janus	ary					Fel	oruary			Ma	arch
Day	Feet	Эау	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet
1 2 3 4 5 6 7 8 9 10 11	77.90 77.68 77.71 77.68 77.60 77.52 77.40 77.41 77.53 77.62	12 13 14 15 16 17 18 19 20 21 22	77.60 77.65 77.60 77.49 77.40 77.32 77.12 77.12 77.13 77.05 76.61	23 24 25 26 27 28 29 30 31	76.35 75.98 75.60 75.35 75.15 75.02 74.80 74.82 74.91	1 2 3 4 5 6 7 8 9 10 11	74.95 74.85 75.05 75.15 76.08 76.08 76.08 76.98 75.95 75.75	12 13 14 15 16 17 18 19 20 21 22	75.48 75.40 75.40 75.40 75.40 75.40 75.40 75.40 75.40 75.40 75.40	23 24 25 26 27 28 29 30 31	75.20 75.13 75.18 75.25 75.28 75.30	1 2 3 4 5 6 7 8 9 10 11	75.28 75.02 74.92 74.92 74.92 74.00 74.02 74.00 74.00

# Middlesex County

Observation Well No.: Observer: Location:

91
0.W. Logan
Westminster township, con VIII, lot 15, N½; property
of the London Public Utilities Commission
Drilled, test
231.5 feet
Sand and gravel
Automatic recorder
Apr.14, 1961
Top side of shelter base 3.5 feet above land surface

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Daily lowest water level from land surface

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Now.	Dec.
1					55.84	56.11	56.80	57.60	58.50	59.38		60.72
2					55.83	56.02	56.78	57.60	58.54	59.41		60.74
3				515 (5 F (6	55.93	56.12	56.75	57.75	58.60	59.42		60.70
3					56.03	56.12	56.83	57.63	58.63	59.43		60.5
5				200	56.06	56.17	56.90		58.70	59.42		60.5
5				*****		56.21			58.72			
0				*****	56.05		56.92	57.65		59.48		60.60
7 8 9	*****	*****		*****	55.93	56.22	56.92	57.73	58.75	59.52		60.81
8					55.90	56.22	56.97	57.80	58.90	59.57		60.77
					55.90	56.13	57.00	57.87	58.90	59.57		60.82
10				****	56.03	56.18	57.03	57.90	58.92	59.59		60.8
11	****				56.05	56.22	57.03	57.91		59.60		60.7
12					55.91	56.25	57.10	57.96		59.61		60.85
13					55.97	56.27	57.10	58.03		59.60		60.92
14				55.43	55.97	56.33	57.08	58.09		59.59		61.1:
15				55.43	55.90	56.43	57.10	58.11		59.59		61.09
15 16				55.38	55.94	56.49	57.10	58.22		59.60		60.80
17				55.38	56.00		57.11	58.31		59.60		60.8
18			10 01 1 0 1	55.60	56.04		57.14	58.35		59.60		60.8
19				55.75	56.05	56.48	57.14	58.35		59.60		60.92
20				55.80	56.05	56.42	57.12	58.35		59.65		61.0
21	****				59.99	56.42	57.12	58.35	59.20			61.0
22	****						27.16			59.75		
	*****			55.77	56.02		57.26	58.40	59.20	59.80		61.02
23				55.77	56.02	56.45	57.28	58.44	59.22	59.80		61.02
24	,			55.75	56.04	56.51	57.28	58.47	59.25	59.90		61.0
25	****	****		55.68	56.00	56.64	57.28	58.38	59.22	59.90		61.02
26				55.78	56.03	56.67	57.38	58.38	59.16	59.95		
27				55.80	56.04	56.70	57.41	58.42	59.26	60.03		
28				55.77	56.04	56.73	57.41	58.42	59.31	60.03	60.03	
29				55.83	56.14	56.76	57.42	58.45	59.37	60.02	60.66	
30				55.84	56.20		57.50		59.37	60.02	60.66	
31					56.15		57.52	58.50		59.95		

Day	, Jan.	Feb.	Mar.	Apr.	May	Jun.,	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1						63.51	64.53	65.75	66.40	66.83	67.60	68.33
2						63.60	64.58	65.82	66.48	67.08		68.32
3						63.67	64.58	65.80	66.49	67.08	67.72	68.32
4						63.67	64.58	65.80	66.49	67.07	67.68	68.24
5			*****		****	€3.61	64.58	65.82	66.45	67.05		68.10
	*****					63.60	64.64		66.49	67.05		67.95
7	****					63.68	64.68		66.47	67.05		67.74
8			*****		63.00	63.75	64.68	65.75	66.47	67.03		67.89
9	****				63.10	63.75	64.66	65.87	66.47	67.05	67.92	67.90
10					63.10	63.75	64.74		66.41	67.11	67.84	67.98
11	****				63.10	63.71	64.77	66.00	66.41	67.11	67.78	68.18
12	*****		*****		63.12	63.72	64.75	66.00	66.49	67.20		68.32
13 14	*****			*****	63.10	63.74	64.81	65.95	66.50	67.30	67.90	68.3
	****				63.10	63.77	64.83	66.10	66.52	67.35		68.3
15 16	***	*****	*****	*****	63.18	63.82	64.90	66.12	66.60	67.32	67.94	68.29
	****	****	*****	****	63.23	63.87	64.99	66.10	66.61	67.32	67.85	68.29
17 18	****				63.27	63.91	65.04		66.59	67.38	67.83	68.3
19	*****	****	*****	*****	63.25	63.97	65.10		66.50	67.38	67.98	68.48
20	*****		****	****	63.25	63.98	65.17	66.05	66.75	67.35	68.00	68.68
21	*****				63.20	64.05	65.10		66.83	67.27	67.80	68.68
22	*****				63.25	64.05	65.10		66.83	67.27	67.81	68.49
23	*****		*****	****	63.24	64.10	65.05		66.92	67.37	67.98	68.5
24					63.14	64.14	65.15	66.28	66.92	67.45	68.20	68.78
25		*****			63.22	64.20	65.15	66.28	66.82	67.45	68.31	68.78
26	*****				63.30	64.32	65.22	66.30	66.80	67.55	68.38	68.7
27					63.37	64.40	65.33	66.30	66.80	67.59	68.40	68.7
28					63.43	64.50	65.40	66.28	66.80	67.60	68.40	68.7
29					63.43	64.47	65.43	66.30	66.84	67.70	68.40	68.7
36					63.53	64.45			66.85			68.78
31					63.49		65.49			67.50		68.8

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	68.80	69.07	69.52	70.45	70.25		70.48				71.20	71.70
2	68.73	68.95	69.55	70.38	70.30	70.22	70.45	70.63				
3	68.70	69.17	69.68	70.35	70.28	70.21		70.62	70.68	70.90		71.08
	68.72	69.17	69.68	70.33	70.25		70.45	70.58	70.70	71.05	71.30	71.70
5	68.72	69.10	69.60	70.40	70.25		70.45		70.71	71.10	71.30	71.8
	68.65		69.30	70.38	70.32	70.00	70.45	70.70	70.71	71.10	71.22	71.78
7 8	68.55	69.02	69.50	70.28	70.30	70.05	70.42	70.68	70.71	71.15	71.22	71.72
	68.48	69.15	69.60	70.28	70.22	70.10	70.48	70.67	70.72	71.01	71.20	71.5
9	68.40	69.15	69.65	70.20	70.08	70.05	70.49	70.67	70.75	71.07	71.28	71.5
10	68.45	69.03	69.75	70.22	70.05		70.40	70.69	70.82	71.11	71.28	71.7
11	68.50	69.03	69.75	70.30	70.18	69.85	70.61	70.70	70.82	71.05		71.8
12	68.50	69.03	69.67	70.35	70.28			70.70	70.71	71.15	71.28	71.8
13	68.55	68.99	69.80	70.35	70.28			70.65				71.8
14	68.68 68.82	69.02	69.95	70.40	70.12	70.05	70.61	70.62	70.95	71.40	71.40	71.8
15	68.85	69.40	70.05	70.42	70.15	70.10	70.63	70.70	71.03	71.40	71.50	72.0
17	68.87	69.40	69.82	70.37	70.13	70.12	70.68	70.68	71.05	71.40	71.52	72.1
18	68.83	69.32	70.05	70.27	69.95	70.22	70.68	70.80	71.05	71.35	71.45	72.1
19	68.85	69.29	70.05	70.27	69.98	70.22		70.80	71.00		71.72	72.0
20	68.68	69.10	69.75	70.13	70.05	70.18	70.49	70.72	70.90	71.40	71.72	72.0
21	68.70	69.30	69.95	70.18	70.05	70.22	70.49	70.73	70.95	71.40	71.72	72.1
22	68.72	69.38	70.15	70.22	70.12	70.32	70.62	70.72	71.05		71.72	72.3
23	68.77	69.40	70.17	70.18	70.22	70.45		70.68	71.13	71.35	71.58	72.3
24	68.60	69.37	70.17	70.30	70.30	70.52	70.82	70.65	71.17	71.40	71.77	72.1
25	68.92	69.45		70.38	70.28	70.50	70.82	70.70	71.12	71.40	71.82	71.9
26	68.92	69.50		70.41	70.25	70.50	70.82	70.71	71.05	71.40	71.80	71.9
27	68.85	69.50	70.00	70.48	70.25	70.40	70.82	70.71	71.00	71.35	71.70	71.9
28	69.05	69.52	70.20	70.50	70.17	70.35	70.78	70.69	70.85	71.38	71.70	72.0
29	69.10			70.50	70.08	70.38	70.68	70.55	70.75	71.38	71.58	72.2
30	69.00			70.20	70.15	70.45	70.65		70.90	71.40	71.50	72.4
31	69.05		no he		70.20		/-			71.38		72.4

# Middlesex County

Observation Well No.:

Observer: Location:

92
0.W. Logan
North Dorchester Township, con I, North of Thames
River lot 2
Drilled, test
450 feet
Rock
Automatic recorder
Oct. 25, 1961
Top side of shelter base 3.5 feet above land surface

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

# Daily lowest water levels from land surface

# 1961

Octo	ober			Nove	ember					Dec	cember		
Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet
27 28 29 30	35.84 36.00 36.10 35.67 35.80 35.80	1 2 3 4 5 6 7 8 9 10	36.30 36.26 35.82 36.22 35.88 36.15 36.33 36.37 36.50	11 12 13 14 15 16 17 18 19 20	36.05 35.35 36.42 36.47 36.50 36.37 36.50 36.10 35.33 35.34	21 22 23 24 25 26 27 28 29 30	36.60 36.40 36.27 36.17 34.90 35.55 35.63 35.80 36.04	1 2 3 4 5 6 7 8 9 10	33335555555555555555555555555555555555	11 12 13 14 15 16 17 18 19 20	35.28 35.67 35.67 35.73 35.13 34.34 35.40 35.97	21 22 23 24 25 26 27 28 29 30 31	35.98 35.00 34.27 33.98 35.27 35.56 35.69 35.10

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 5 6 7 8 9 10 11 12 3 14 15 6 17 8 18 20 1 22 23 4 25 6 27 28 9 30 31	35.59 35.45 35.62	35.52 34.52 34.52 35.73 36.66 36	36.638 36.588 35.333 35.957 36.455 36.670 36.750 35	90 284 90	35.5.7.9.5.9.6.6.2.5.7.7.2.0.1.3.7.9.4.5.6.6.0.2.5.7.7.2.0.1.3.7.9.4.5.6.4.6.2.0.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3	365677667397667377666937766693776669377666937766693777666937776669377766693777666937776653776693776693776767677677677677677677677677677677677	43.5656288 44.2.5656288 45.2.5656288 45.2.5656288 45.2.565688 45.2.56568 45.2.5658 45.2.5688 45.2.5658	56.47 	4440088820809896969696969696969696969696969696969	38.206 38.206 706 751 337 337 337 337 338 337 338 337 338 337 338 337 338 338	38.48.48.39.38.39.39.39.39.39.39.39.39.39.39.39.39.39.	37.45 37.69 37.63 37.77 37.25 36.30 37.16 37.39 37.58 37.62 36.82

#### 1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 5 6 7 8 9 10 1 1 2 1 3 4 5 6 6 7 8 9 10 1 1 2 1 3 4 5 6 6 7 8 9 20 1 2 2 3 2 4 5 6 2 7 8 9 3 0 1		97.78 37.02 36.98 37.78 37.78 37.74 37.20 38.13 37.58 37.12 37.62 38.56 37.12 37.62 38.56 37.82 37.82 37.82 37.82 37.82	37.72 38.05 37.42 38.05 37.55 37.55 37.76 37.70 36.33 36.62 37.00 36.82 37.00 36.82 37.00 36.82 37.00 36.83 37.00 36.83		35.732 35.62 35.120 35.150 36.36.36 36.36.36 36.36.36 36.36.36 35.4.75 35.56 78.80 78.80 7	37.00	47.490 44.40.490 44.41.300 337.500 44.190 46.190 46	37 · 20 366 · 50 366 · 30 368 · 35 388 · 28 398 · 50 37 · 95 37 · 98 38 · 50 37 · 98 38 · 50 38 · 50 39 · 50 30 · 50	38.45 37.80 37.90 38.30	38.85 39.00 39.20 38.80 39.00 39.15 39.25 40.20 39.65	38.60 39.00 39.30 38.95 39.15 39.30 38.75	30000000000000000000000000000000000000

# Middlesex County

Observation Well No.:

Observer: Location:

95 0.W. Logan Township of Delaware, con I,lot 0E. property of H.C. Brody Drilled, gauge 82 feet Gravel Menually, by tone

Type: Depth:

Aquifer:

Recording method: Records commenced: Measuring point:

Manually, by tape May 16, 1963 Top of casing 1.75 feet above land surface

# Distance of water level from land surface

# 1963

Date	Feet	Date	Peet	Date	Feet	Date	Feet
May 16 May 30	18.61 19.20	Jun. 7 Jun.20 Jun.24 Jun.25	19.54 19.83 30.30 32.69	Jul.24 Oct.10	20.22	Dec. 3 Dec.19 Dec.27	20.15 20.97 19.18

# Middlesex County

Observation Well No.: Observer: Location:

Type: Depth:

96
C.Gubbels
Delaware Township, con I, lot 2, property of C.Gubbels.
Dug, with sand point in bottom, used.
6.5 feet below basement floor, sand point depth
additional and not known.

Aquifer:

Sand

Measuring point: Recording method: Records commenced:

Top of well curbing 5 feet below land surface. Manually, by tape.
May 16, 1963

# Distance of water level from land surface.

Date	Feet	Date	Feet	Date	Feet	Date	Feet
May 16 May 26	10.10 10.50	Jun. 9 Jun. 24 Jun. 26 Jun. 29	10.55 11.12 11.20 10.80	Jul. 2 Jul. 4 Jul. 5 Jul. 8	10.90 11.20 11.30 11.30	Jul.12 Jul.14 Jul.17 Jul.19 Jul.22	11.50 11.60 11.60 11.60

#### Middlesex County

Observation Well No .:

97 R.Summers Observer:

Location:

Delaware township, con II,lot 1 property of P.A.Dumoulin Drilled, used 162 feet Sand

Type: Depth:

Aquifer: Recording method: Records commenced:

Measuring point:

Manually, by tape.
May 16,1963
Top of shelter wall 3.5 feet above land surface

# Distance of water level from land surface

#### 1963

Date	Feet	Date	Peet	Date	Feet	Date	Feet
May 16	67.70	Jun. 3 Jun.24 Jun.26	70.15 74.30 68.60	Jul. 3 Jul. 8 Jul.12 Jul.18 Jul.24	71.30 70.90 72.90 74.60 71.60	Aug.10 Sep.18 Oct.20	68.50 74.50 70.50

#### Middlesex County

Observation Well No .:

Observations Location: Type: Depth:

98
O.W. Logan
Lobo Township, con I, lot 4. property of H. Wales
Drilled, gauge
77 feet

Aquifer: Recording method: Records commenced:

Measuring point:

77 leet Gravel Manually,by tape May 16,1963 Top of casing .9 feet above land surface. Dec.27,1963 casing extended to 2.7 feet above land surface

# Distance of water level from land surface

#### 1963

Date	Peet	Date	Feet	Date	Peet	Date	Peet
May 16 May 30	5.43 5.55	Jun. 7 Jun.20 Jun.24 Jun.25	5.67 5.72 5.93 6.63	Jul. 9 Jul.24 Oct.11	13.00 5.94 5.67	Dec.13 Dec.19 Dec.27	5.60 5.60 5.61

#### Middlesex County

Observation Well No.;

Observer: Location:

99 J.B. Franks, Lobe Township, con III, lot 3. property of J.B.Franks

Type:

Depth: Aquifer:

15 feet Sand

Recording method:

Records commenced: Messuring point:

Manually, by tape May 16, 1963 Top of pipe 1.5 feet above land surface

# Distance of water level from land surface

Date	Feet	Date	Feet	Date	Feet	Date	Peet
May 16 Jun. 1 Jun.16 Jun.25 Jun.27 Jun.29	7.45 7.55 7.73 7.93 7.96 8.00	Jul. 1 Jul. 3 Jul. 5 Jul. 7 Jul. 9 Jul.11 Jul.13	8.04 8.10 8.13 8.18 8.23 8.31 8.35	Jul.17 Jul.19 Jul.21 Jul.23 Aug. 2 Aug.16 Sep. 2 Sep.16	8.46 8.556 8.655 9.40 9.66	Oct. 1 Oct.16 Nov. 1 Nov.16 Dec. 1 Dec.16	9.86 10.09 10.25 10.32 10.42 10.50

#### Middlesex County

Observation Well No.:

Observer:

100 P.Westbrook

Location:

Lobo Township, con II lot 15, Police Village of Komaka Property of P. Westbrook Dug, used 19 feet Sand and gravel

Type: Depth:

Aquifer: Recording method:

Records commenced: Measuring point:

Manually, by tape.
May 16,1963
Top of well curbing .25 feet above land surface

# Distance of water level from land surface

#### 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
May 16 May 31 Jun.16 Jun.25 Jun.26 Jun.27 Jun.28 Jun.29 Jun.30	15.75 15.65 15.65 16.25 16.25 16.25 16.25 16.25	Jul. 2 Jul. 3 Jul. 5 Jul. 9 Jul. 12 Jul. 15 Jul. 18 Jul. 20 Jul. 24	16.25 16.25 16.35 16.45 16.45 16.45 16.55 16.60	Aug. 1 Aug. 15 Sep. 1 Sep. 15	16.75 17.05 17.50 17.70	Oct. 1 Oct.15 Oct.31 Nov.15 Nov.30 Dec.15	17.90 18.00 18.05 18.40 18.25

# Middlesex County

Observation Well No.:

Observer: Location:

105 O.W. Logan Lobo Township, con I, lot 4, property of H. Wales Drilled, gauge

Type: Depth: Aquifer:

77 feet Gravel

Recording method:

Records commenced:

Measuring point:

Manually, by tape Jun. 7, 1963 Top of casing 2.25 feet above land surface.

#### Distance of water level from land surface

#### 1963

Date	Peet	Date	Feet	Date	Feet	Date	Feet
Jun. 7	+1.38	Jun.24	+0.73	Jul. 9		Oct.11	+1.25
Jun.20	+1.30	Jun.25	+3.46	Jul.24		Dec. 3	+1.65

Note: + above land surface. - below land surface

# Middlesex County

Observation Well No.:

Observer:

114 O.W. Logan

Westminster Township, con VI, lot 18. Property of Location: G.Carrothers

Type:

Depth:

G.Carrothers
Drilled, gauge
205 feet
Gravel, clay, boulders.
Manually, by tape
May 6, 1959

Aquifer: Recording method:

Records commenced:

# Distance of water level from land surface

# 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 3 Mar. 1	77.34 79 <b>.27</b>	Apr.12 May 26 May 30	84.46 78.70 84.00	Jul. 4 Jul.18 Jul.21 Aug.24 Aug.30 Sep.28	79.85 81.02 82.34 82.72 83.10 83.00	Oct. 7 Oct.31 Dec. 1 Dec.28	83.37 83.62 86.10 86.70

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.30 Mar. 2 Mar.29	88.99 89.82 90.47	Kay 4 Jun. 6 Jun. 28	92.00 91.87 92.92	Jul.26 Sep. 6		Nov. 1 Nov.29 Dec.27	99.60 95.00 102.90

# 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 1 Feb.26 Mar.26	102.30 104.62 104.77	Apr.27 May 30 Jun.28	103.10 106.54 109.00	Aug. 1 Aug.31	111.67 112.32	Oct. 1 Nov. 5 Dec. 3	113.88 115.48 114.54

# 1963

Date	Feet	Date	Peet	Date	Feet	Date	Feet
Jan. 3 Feb.27 Mar.27	115.74 120.16 121.69	May 6 Jun.3	121.63 122.27	Jul. 2 Jul.29 Sep. 3	123.42 124.38 126.01	Oct. 8 Nov. 4 Nov.29	126.94 126.90 126.89

# Middlesex County

Observation Well No.:

Observer: Location:

107
0.W. Logan
Lobo Township, con II, lot 6, property of W. Tunks
Drilled, gauge
130 feet
Gravel
Automatic recorder
Jun.19,1963
Shelter base 3.15 feet above land surface

Location:
Type:
Type:
Depth:
Aquifer;
Recording method:
Records commenced:
Measuring point:

# Daily lowest water level from land surface

Day _	Jan.	Feb.	Mar,	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1							25.99	26.55	26.90	27.14	27.26	27.43
2		100000	200000	202 202 202			25.98	26.56	26.90	27.10	27.25	27.45
3					10.000		26.01	26.55	26.95	27.10	27.27	27.40
4				77.50			26.05	26.55	26.93	27.18	27.27	27.3
		****					26.03	26.60	26.90	27.18	27.26	27.4
5							26.03	26.60	26.90	27.20	27.28	27.41
2							26.03	26.60	26.90	27.13	27.28	27.4
7							26.10	26.58	26.92	27.15	27.25	27.50
9				212 - 21			26.11	26.58	26.93	27.17	27.27	27.26
10							26.15	26.62	26.95	27.22	27.27	27.4
11							26.21	26.62	26.95	27.17	27.27	27.4
12							26.24	26.65	26.95	27.23	27.27	27.4
13							26.23	26.60	27.03	27.27	27.30	27.40
14							26.18	26.61	27.03	27.27	27.37	27.43
15							26.21	26.65	27.03	27.26	27.40	27.49
16							26.25	26.67	27.05	27.25	27.40	27.50
17							26.30	26.68	27.07	27.27	27.37	27.51
18							26.40	26.75	27.05	27.29	27.40	27.47
19						25.75	26.38	26.74	27.03	27.30	27.45	27.38
20				*****		25.80	26.30	26.70	27.00	27.30	27.46	27.38
21					2 (2) 2 (2) (2)	25.88	26.37	26.74	27.03	27.43	27.40	27.45
22			****			25.92	26.40	27.74	27.07	27.42	27.38	27.48
23				****		25.96	26.42	27.74	27.13	27.36	27.33	27.48
24	****				****	25.98	26.48	27.75	27.13	27.35	27.45	27.42
25					****	25.94	26.55	27.80	27.13	27.27	27.46	27.33
26	****					25.90	26.65	27.83	27.06	27.37	27.43	27.33
27				*****		25.90	26.65	27.83	27.05	27.34	27.38	27.40
28			* * * * *		****	25.93	26.60	27.83	27.03	27.33	27.38	27.42
29								27.76	27.03			
30	****		*****			25.95	26.55	27.00	27.10	27.33	27.33	27.50
31						25.99	26.57	26.85			27.33	27.57
21						****	20.00	20.05	****	27.33		27.58

# Middlesex County

Observation Well No.:

Observer: Location:

513
O.W. Logan
Westminster Township, con. V, lot 22, property of C.Holborn and London Fublic Utilities Commission
Drilled, test
144 feet
Gravel

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Automatic recorder.
Sep.9, 1959
Top side of shelter base 5.4 feet above land surface

Daily lowest water level from land surface

1960

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	25.41	26.55		28.52	29.71	30.86	32.11	33.31	34.56	36.24		39.30
2 3 4	25.46	26.55		28.54	29.75	30.93	32.13	33.32	34.63	36.24	37.91	39.35
3	25.46	26.56	27.56	28.55	29.81	30.96	32.23	33.40	34.70	36.30	38.00	39.36
4	25.52	26.66	27.56	28.65	29.85	31.00	32.25	33.42	34.70	36.35	38.05	39.36
5 6 7 8 9	25.52	26.68		28.66	29.89	31.05	32.28	33.46	34.77	36.40	38.10	39.49
0	25,67	26.72		28.72	29.89	31.11		33.48	34.82	36.47	38.15	39.50
6	25.67	26.75	27.69	28.78	29.94	31.12	32.34	33.53 33.57	34.87	36.53 36.58	38.19	39.55
0	25.70	26.82	27.72	28.82			32.43	33.62	34.96	36.63	38.32	39.59
10	25.72	26.88	27.76	28.89	30.06	31.26	32.45	33.65	35.00	36.68	38.39	39.72
11	25.74	26.88	27.78	28.91	30.06	31.28	32.48	33.68	35.05	36.72	38.43	39.72
12	25.74	26.98	27.81	28.91		31.32	32.52	33.70	35.08	36.80	38.47	39.82
13	25.74	26.98	27.81	28.98		31.36	32.54	33.28	35.13	36.80	38.51	39.82
14	25.81	27.05	27.83	29.04	30.17	31.42	32.58	33.80 33.85	35.15	36.90	38.58	39.93
15 16	25.83	27.05		29.13	30.17	31.46	32.60	33.85	35.27	36.93	38.60	39.93
	25.84	27.05		29.14		31.51	32.63	33.92			38.60	39.91
17	25.88	27.05		29.21		31.54	32.66	33.95	35.36		38.70	39.99
18	25.91	27.05	28.04	29.26	30.34	31.56	32.71	33.97	35.40	37.12	38.74	40.02
19	25.96	27.25	28.04	29.27	30.36	31.59	32.72	34.03	35.44	37.13	38.78	40.05
20	25.98	27.25	28.06	29.29	30.39	31.65	32.78	34.08	35.49	37.23	38.75	40.08
22	26.02	27.25	28.14	29.36	30.50	31.67	32.82	34.11	35.54	37.28	38.87	40.15
23	26.06	27.34	28.19	29.42	30.55	31.79	32.86	34.22	35.75	37.35	38.90	40.20
24	26.06	27.34	28.21	29.42	30.57	31.85	32.88	34.22	35.80	37.48	39.05	40.28
25	26.26	27.34	28.22	29.46		31.86	32.93	34.28	35.82	37 55	39.05	40.30
26	26.25	27.44	28.25	29.56	30.68	31.92	32.98	34.30	35.95	37.62	39.07	40.34
27	26.28	27.44	28.35	29.56	30.68	31.95	33.08	34.38	35.95	37.66	39.07	40.41
28	26.34	27.44	28.38	29.65	30.75	32.00	33.14	34.43	36.05	37.55 37.62 37.66 37.73	39.16	40.43
29	26.39		28.43	29.67	30.81	32.08	33.19	34.45	36.08	37.78	39.22	40.47
30	26.43		28.41	29.68	30.83	32.08	33.23	34.50	36.14	37.82	39.25	40.55
31	26.45				30.83		33.23	34.54				40.55

1962

1 2 3 4			Mar.	Apr.	May	Jun.	Jula	Aug.	Sep.	Oct.	Nov.	Dec.
2	40.58	41.78	42.88		44.65	45.93	47.50			52.08	53.60	55.10
	40.68		42.88	43.75	44.65	45.97	47.53	48.88		52.12	53,64	55.13
3	40.68		42.90		44.72	46.03		48.92		52.16	53.64	55.16
	40.68			43.78		46.03		48.98		52.20	53.72	55.20
5	40.68			43.80	44.77	46.11			****	52.27	53.80	55.26
6	40.68	42.05		43.85		46.17		49.11		52.32	53.87	55.29
7	40.77	42.05		43.88		46.20		49.12		52.36	53.88	55.37
8	40.81	42.13		43.89	44.92	46.26		49.18		52.42	53.96	55.40
9	40.20	42.18		43.96	44.94	46.34	*****	49.24		52.48	53.96	55.45
10	40.90	42.22		43.96		46.37		49.28		52.48	54.08	55.48
11	40.93	42.22		44.00		46.42		49.37		52.60	54.08	55.60
12	40.97	42.27	45.24		45.03	46.44		49.40		• • • • •	54.14	55.62
13	41.04	42.27				46.50		49.45				55.66
14	41.04		45.29			46.58	****	49.55			54.25	55.73
15	41.22	42.36		44.12				49.59			54.28	55.77
16	41.22	42.40	45.35	44.14	45.18	46.66		49.61			54.33	55.82
17	41.23	42.45		44.14		46.74	*****	49.66			54.46	55.87
18	41.23	42.45		44.20	45.27	46.80	*****	49.70		52.94	54.46	55.90 55.98
19	41.35	42.54	45.37	44.30	45.29	46.87	*****	49.78		52.98	54.49	55.98
20	41.35	42.54				46.92	****	49.83		53.00	54.55	55.98
22	41.37	42.63				46.98	*****	49.88		53.02	54.70	56.12
23	41.44	42.66				47.03		49.93		53.18	54.72	56.24
24	41.44		45.50		45.53	47.09		49.95		53.21	54.83	56.24
25	41.54	42.72	45.52		45.53	47.17		50.03		53.25		56.27
26	41.54	42.82	45.55		45.62	47.22		50.03		53.32	54.88	56.33
27	41.61	42.82	45.55	44.48	45.65	47.27		50.10		53.33	54.92	56.35
28	41.61	42.88			45.73	47.32		50.14		53.47	54.97	56.38
29	41.62		45.56	44.58		47.38		50.20		53.47		56.48
30	41.73		45.68		45.81	47.47		50.25		53.47		56.48
31	41.73		45.68		45.86			50.30		53.57		56.48

# 1963

Norfolk County

Norfolk County
25
C.E. Maxwell
Town of Simcoe, property of Simcoe Public Utilities Commission
Drilled, gauge
26 feet
Gravel
Manually by tape
Oct.1, 1954
Top of iron valve box at land surface

Observation Well No.:
Observer:
Location:
Type:
Depth:
Aquifer:
Recording method:
Records commenced:
Measuring point:

Distances of water level from land surface

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 2	15.84	Feb. 1	15.71	Mar. 1	15.62		

#### Norfolk County - cont.

1962

Date	Peet	Date	Feet	Date	Peet	Date	Feet
Jan.17	17.21	Feb.17	17.25				

1963

Date	Peet	Date	Peet	Date	Peet	Date	Peet
Jan. 7	17.35	Mar. 7	17.35	May 10	17.32	Jul. 2	17.20
Feb. 6	17.23	Apr. 4	17.20	Jun. 7	17.34	Aug. 1	17.12

#### Norfolk County

Observation Well No.:

Observer: Location:

93 C.E. Marwell Town of Simcoe, property of Simcoe Public Utilities Commission Drilled gauge

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Drilled gauge
73 feet
Gravel
Manually by tape
Jun. 7,1963
Top of pipe level with land surface

#### Distances of water level from land surface

1963

Date	Peet	Date	Feet	Date	Peet	Date	Peet
Jan. 7 Peb. 6 Mar.11	45.10 44.25 45.54	Apr. 4 May 10	44.50 44.74	Jun. 7 Jul. 2 Aug. 1	45.02 42.66 46.17	Dec. 7	47.29

#### Norfolk County

Observation Well No.:

Observer: Locations

O4 C.E. Maxwell Town of Simcoe, property of Simcoe Public Utilities Commission Drilled, gauge 78 feet Sand and gravel Manually by tape Jan.17, 1962

Type: Depth: Aquifer: Recording method: Records commenced: Heasuring point:

#### Distances of water level from land surface.

1962

Date	Peet	Date	Pest	Date	Peet	Date	Feet
Jan.17	45.22	Peb.28	45.75				

1963

Date	Peet	Date	Peet	Date	Peet	Date	Peet
Jan. 7 Feb. 6 Mar. 7	48.27 48.35 49.05	Apri 4 May 10 Jun. 7	48.05	Jul. 2 Aug. 1	47.93 48.95	Dec. 7	50.09

# Oxford County

Observation Well No.:

Observer: Location:

13
N.Copp
West Oxford Township, con III, lot 2, property of Woodstock
Public Utilities Commission
Drilled, gauge
75 feet
Gravel
Menually by tape

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Manually by tape
Jul. 5,1946
Top of casing 2 feet above land surface.

Distances of water level from land surface

Date	Peet	Date	Feet	Date	Peet	Date	Peet
Jan.30	1.78	Apr.30	1.02	Jul.30	1.20	Oct.31	1.70
Feb.29	1.70	May 31	-73	Aug.31	1.47	Nov.30	2.35
Mar.31	frozen	Jul. 8	-84	Sep.30	1.59	Dec.31	2.60

# Oxford County - cont.

1961

Date	Feet	Date	Feet	Date	Feet	Date	Peet
Feb. 3	2.67	May 9	2.26	Aug.?	3.00	Nov. 2	3.54
Mar. 2	2.45	Jun.2	2.94	Sep.6	2.99	Dec. 4	3.47
Apr. 5	2.30	Jul.13	3.36	Oct.2	3.36	Dec.31	3.58

# 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.31	3.54	Apr.30	3.57	Jul.31	4.44	Nov. 9	4.82
Feb.28	3.40	May 31	3.62	Aug.29	4.98	Nov.30	4.58
Mar.31	3.15	Jul. 6	3.53	Sep.30	5.35	Dec.31	4.48

# Oxford County

Observation Well No.: Observer: Location:

58 C.Scott

East Zorra township, con X, lot 12, property of Dr.James A.Vance
Drilled, used
147 feet
Limestone

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Manually by tape
Apr.10, 1956
Top of casing in well pit 5 feet below land surface

# Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Peet	Date	Peet
Jan.29 Mar. 8	27.98 29.95	Apr.16 May 20		Jun.28 Jul.29		Sep.10 Nov.14	30.99 32.92

# 1961

Date	Feet	Date	Feet	Date	Feet	Date	Peet
Jan.17 Mar.29	33.92 31.94	May 29 Jul. 1 Jul.27	29.96 31.95 33.45	Sep.13 Oct. 1	33.45 32.42	Nov. 1 Nov.30	34.00 33.92

### 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 8 Peb. 1 Mar. 6	33.99 32.92 33.91	Apr. 4 May 7 May 29	30.92 30.00 30.92	Jul. 9 Aug.14 Sep.17	31.98 33.92 34.96	Nov. 5 Dec.24	34.96 33.95

# 1963

Date	Feet	Date	Peet	Date	Feet	Date	Feet
Jan. 4 Jan.24 Jan.28	45.50 44.35 34.91	Apr.21	31.92	Aug. 6 Aug.31	33.95 32.98	Oct. 8 Nov. 4	34.93 35.19

# Oxford County

Observation Well No.:

101

Observer: Location:

101
S.G. Burgess, N. Copp
East Zorra township, con XII, lot 3, property of Upper Thames River Conservation Authority
Drilled, gauge
61 feet
Rock
Piezometer
Jun. 28, 1962
Top of well casing 3.5 feet above land surface

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

# Distances of water level above land surface

Date	Feet	Date	Feet	Date	Feet	Dete	Feet
Jun.28	4.70	Aug.10	4.33	Sep.21	4.42	Oct.26	5.50

# 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4 Jan. 8 Jan.12 Jan.18 Jan.25 Feb. 1 Feb. 8 Feb.15 Feb.22 Mar. 1 Mar. 8 Mar.29	6.2296 6.1952 6.11952 6.11952 6.11952 6.11956	Apr. 6 Apr.11 Apr.20 Apr.26 May 3 May 17 May 24 May 31 Jun. 7 Jun.14 Jun.21	5.73 5.74 5.74 5.74 5.74 5.72 5.73 5.74 5.75 5.74 5.75 5.76 6.20 5.76 6.20 5.76 6.20 5.76 6.20 5.76 6.20 5.76 6.20 5.76 6.20 5.76 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.2	Jul. 4 Jul.19 Jul.26 Aug. 2 Aug. 9 Aug.30 Sep. 6 Sep.13 Sep.20 Sep.27	4.37 4.07 4.26 4.22 4.15 4.09 4.09 4.09 3.98	Oct. 4 Oct.11 Nov. 1 Nov. 8 Nov.15 Nov.22 Nov.29 Dec. 7	3.89 3.86 3.90 4.02 3.90 3.89 3.89

# Oxford County

Observation Well No.:

102

Observer: Location:

102
S.G. Burgess, N. Copp
East Zorra Township, con XII, lot 3, property of Upper
Thames River Conservation Authority
Drilled, gauge
91.6 feet

Type: Depth:

Aquifer:

Recording method: Records commenced: Measuring point:

May 7, 1962
Top of casing 3.50 feet above land surface

Distances of water level above land surface

# 1962

Date	Feet	Date	Feet	Dete	Peet	Date	Feet
		May 7 Jun.12 Jul.30	1.40 1.80	Aug. 2 Aug.10 Aug.31	1.63 1.70 1.72	Sep.21 Oct.26 Nov. 1	1.90 1.84 1.93

# 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 8 Mar. 8 Mar.15 Mar.22 Mar.29	2.20 1.73 1.67 1.69 1.62	Apr. 6 Apr.11 Apr.20 Apr.26 May 3 May 9 May 17 May 24 May 31 Jun. 7	.50 .62 .76 .96 1.29 1.39 1.66 1.82 1.70	Jul. 5 Jul.12 Jul.19 Jul.26 Aug. 2 Aug. 9 Aug.16 Aug.24 Aug.31 Sep. 6	1.90 1.92 1.93 1.97 1.94 1.96 1.99 2.21 1.92	Oct. 4 Oct.11 Oct.18 Oct.25 Nov. 1 Nov.8 Nov.15 Nov.22 Nov.29 Lec. 7	1.90 1.89 1.82 1.83 1.79 1.72 1.67 1.68
		Jun.14 Jun.21 Jun.29	1.82 1.88 1.84	Sep.13 Sep.20 Sep.27	1.92 1.90 1.87	Dec.13	1.40

# Oxford County

Observation Well No.: Observer: Location:

103

S.G. Burgess, N. Copp East Zorra Township, con XII,lot 4, property of Upper Thames River Conservation Authority Drilled, gauge 51.75 feet

Type: Depth:

Aquifer:

Recording method: Measuring point:

Automatic recorder
Top side of shelter base 3 feet above land surface

Daily lowest water level from land surface

	Jul.	Aug.	Sep.	Oct.		Jul.	Aug.	Sep.	Oct.		Jul.	Aug.	Sep.	Oct.
Day	Feet	Feet	Feet	Feet	Day	Feet	Feet	Feet	Feet	Day	Feet	Feet	Feet	Feet
1 2 3 4 5 6 7 8 9 0	4.94 4.97 4.99 5.01 5.07 5.10 5.12 5.14 5.16	5,44 5,46 5,47 5,51 5,52 5,52 5,43 5,42	5.67 5.68 5.70 5.71 5.73 5.74 5.75 5.78 5.80	5.72 5.73 5.73 5.73 5.73 5.74 5.78 5.78 5.79	11 12 13 14 15 16 17 18 19 20	5.18 5.21 5.22 5.24 5.26 5.28 5.30 5.32 5.32 5.37	5.40 5.40 5.41 5.43 5.44 5.50 5.52 5.53	5.80 5.81 5.82 5.82 5.83 5.83 5.80 5.77 5.76	5.79 5.83 5.84 5.85 5.887 5.889	21 22 23 24 25 26 27 28 29 30	5.39 5.41 5.41 5.41 5.41 5.41 5.41 5.41 5.42 5.43	5.55 5.56 5.57 5.58 5.60 5.63 5.64 5.65 5.67	5.76 5.74 5.74 5.74 5.74 5.74 5.73 5.73	5.876 5.886 5.886 5.76 5.76 5.56 5.57 5.47 5.47

# Oxford County - Cont.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1234567890123456789012245678901	44.333221 44.33330322 44.444444444444444444444444444444444	12455668800122756678889888888888844444444444444444444444	89127717278280872772555778665557	778805771786999466005948855 2222822222222222222222222222222222	223777744809804877768177025899999 22377774445222777444455556666677	777887888999999999999999999999999999999	9050876077076807570754570757907 122777455766666775788777788888999	557802355757578024578024578012455 5999000000000011111112222223773777 44445555555555555555555555555555	778012345799007456780107456789 7734444444444555555556666666666666666666	01123455678901D45567789012203445677777777778888888888888999999999999999	665544444444445666666666666544455 99999999999999999999999999999999	55555666666666666666666666666666666666

# Oxford County

Observation Well No.:

Observer: Location:

104
S.G. Burgess, N. Copp
East Zorra township con XII, lot 4, property of Upper Thames River Conservation Authority
Drilled, gauge
17.6 feet
Pine sand
Automatic recorder
Top side of shelter base 3 feet above land surface

Type: Depth: Aquifer: Recording method: Measuring point:

Daily lowest water level from land surface

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1					20.00.00		5.18	5.58	5,72	5.95	5.56	١
2	••••			••••	• • • • •	1 2 A	5.20	5.59	5.73	5.95		
3					****		5.21	5.60	5.74	5.95		
Ĺ							5.23	5.61	5.75	5.95		• • •
5			****	****			5.24	5.62	5.76	5.98		
ž				****		KEEK!		7.02	2.70	2.90		
2 3 4 5 6 7 8			****				5.26	5.63	5.76	5.98		* * *
6	****						5.27	5.63	5.79	5.99	****	
0			****	****			5.28	5.63	5.80	6.00		* * *
9						****	5.30	5.63	5.82	6.00		***
10							5.31	5.62	5.83	6.01		
11							5.32	5.62	5.84	6.01		
12			****				5.33	5.62	5.85	5.97		
13 14							5.36	5.61	5.85	5.97		
14							5.38	5.62	5.86	5.97		
15 16							5.40	5.63	5.87	5.97		
16							5.41	5.63	5.87	5.98		
17 18							5.43	5.61	5.89	5.98		
18							5.44	5.62	5.90	5.98		
19							5.46	5.63	5.90	6.01		
20							5.47	5.64	5.90	6.01		
21							5.48	5.64	5.91	6.01		
22							5.50	5.65	5.91	6.02		
23							5.51	5.65	5.92	6.02		
23 24							5.53	5.65	5.92	5.92		
25							5.53	5.65	5.92	5.84		
25	J						5.54	5.66	5.93	5.77		
27	••••		• • • •				5.55	5.67	5.93	5.74		
28						5.01	5.55	5.68	5.94	5.68		
29				• • • •		5.10	5.56	5.69	5.95	5.64	• • • •	• • • •
30						5.14	2.50	5.70	5.95	5.60		
31							5.57					
11							5.58	5.71		5.58		

# Oxford County - cont.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	8990 8990 8890 8890 8890 8890 8890 8890 9999 990 900 	179121113456667780000111222445779 555555555555555555555555555555555	9912273307837118000854336046527 555555555555555555544445533555535555555444453335333333	2.667 607 607 607 607 607 607 607 607 607	47527792830037752833008359259235003 666778330037752833008359259235003	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0750625824602234556375792680235 445667778888999999999888899990000	0689012456780124467700245777011344667 055555555555555555555555555555555555	899124567901234567880124566790 4455555555556666666666667777777788 5555555555	22234556777880123455677890001123455555555555555555555555555555555555	5555554333333333355555333321000000 6666666666666666666666666666666	6.01 6.01 6.02 6.03 6.04 6.05 6.06 6.06 6.06 6.06 6.06 6.06 6.06

# Perth County

Observation Well No.: Observer: Location:

Perth County

19
Public Utilities Commission Personnel
City of Stratford, property of Stratford Public Utilities
Commission
Drilled, municipal, used
350 feet
Limestone
Manually by tape, weekly
Cct.26, 1946
Iron frame 1 foot above land surface

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

# Distances of water level from land surface

# 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	32.33	Apr. 3	33.83	Jul. 3	32.75	Oct. 2	35.75
Jan.10	31.83	Apr.10	33.83	Jul.10	33.25	Oct. 9	35.00
Jan.17	33.12	Apr.17	31.42	Jul.17	34.75	Oct.16	34.50
Jan.24	31.83	Apr.24	33.17	Jul.24	33.50	Oct.23	34.66
Jan.31	31.50	May 1	32.83	Jul.31	34.59	Oct.30	34.00
Feb. 7	31.66	May 8	32.33	Aug.14	34.42	Nov. 6	35.08
Feb.14	32.17	May 15	32.32	Aug.28	36.66	Nov.13	35.17
Feb.21	33.83	May 22	33.33	Sep.14	35.08	Nov.20	32.25
Feb.28	33.17	May 29	33.08	Sep.11	36.00	Nov.27	32.66
Mar. 6	31.42	Jun. 5	33.33	Sep.18	35.58	Dec. 4	33.25
Mar.13	33.92	Jun.12	31.25	Sep.25	36.08	Dec.11	32.42
Mar.20	34.33	Jun.19	32,66			Dec.18	33.8
Mar.27	31.33	Jun.26	33.17			Dec.25	34.0

Date	Peet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	33.33	Apr. 2	32.83	Jul. 2	32.17	Oct. 1	35.83
Jan. 8	33.36	Apr. 9	32.83	Jul. 9	31.92	Oct. 8	33.58
Jan.19	33.58	Apr.16	31.42	Jul.16	32.33	Oct.15	34.17
Jan.22	33.83	Apr.23	31.25	Jul.23	33.83	Oct.22	34.75
Jan.29	34.42	Apr.30	31.00	Jul.30	33.33	Oct.29	31.66
Feb. 5	34.08	May 7	29.75	Aug. 6	33.33	Nov. 5	32.0
Feb.12	34.50	May 14	30.66	Aug.13	32.83	Nov.12	33.17
Feb.19	34.58	May 21	28.25	Aug.20	33.58	Nov.24	37.00
Feb.26	33.75	May 28	28.25	Aug.27	32.66	Dec. 1	32.17
Mar. 5	33.17	Jun. 4	30.66	Sep. 3	32.25	Dec. 5	32.66
Mar.12	33.83	Jun.11	29.25	Sep.10	32.50	Dec.10	31.17
Mar.19	33.66	Jun.18	30.66	Sep.17	33.17	Dec.24	31.58
Mar.26	33.25	Jun.25	31.17	Sep.24	34.17	Dec.31	28.08

# 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 7 Jan. 14 Jan. 21 Jan. 28 Feb. 14 Feb. 18 Feb. 25 Mar. 4 Mar. 11 Mar. 18	31.17 31.75 30.17 30.92 30.25 29.83 32.17 32.17 31.66 32.33 32.33 31.50	Apr. 1 Apr. 8 Apr. 15 Apr. 22 Apr. 29 May 13 May 20 May 27 Jun. 3 Jun. 10 Jun. 17	31.66 30.25 29.08 25.92 30.00 31.17 31.75 32.17 31.08 31.83 33.08 29.58	Jul. 1 Jul. 8 Jul.15 Jul.22 Jul.29 Aug. 5 Aug. 12 Aug.19 Aug.26 Sep. 2 Sep. 9 Sep.16	32.58 36.25 33.25 33.25 33.66 32.92 31.95 33.42 36.33 35.66 32.95	Oct. 7 Oct.14 Oct.21 Oct.28 Nov. 4 Nov.11 Nov.18 Nov.25 Dec. 2 Dec. 9 Dec. 16 Dec. 23	35.83 36.00 34.83 34.17 35.08 34.00 33.83 34.33 32.66 33.75
rar.2)	71.50	Jun.24	31.17	Sep.23 Sep.30	35.58 34.42	Dec.30	31.33

# 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 6	31.17	Apr. 7	34.17	Jul. 7	37.33	Oct. 6	38.66
Jan.13	32.17	Apr.21	31.92	Jul. 14	37.83	Oct.13	37.75
Jan.20	32.08	Apr.28	33.25	Jul.21	36.25	Oct.2	38.66
Jan.27	31.17	May 5	32.25	Jul.28	37.42	Oct.27	39.50
Feb. 3	33.83	May 12	32.66	Aug. 4	34.66	Nov. 3	37.8
Feb.10	33.92	May 19	30.00	Aug 11	35.33	Nov.10	37.00
Feb.17	33.50	May 26	31.83	Aug.18	34.75	Nov.17	36.91
Feb.24	31.72	Jun. 2	34.42	Aug.25	37.50	Nov . 24	37.83
Mar. 3	33.08	Jun. 9	33.83			Dec. 1	37.08
Mar.10	34.00	Jun.16	31.92	1	1	Dec. 8	38.17
Mar.17	32.83	Jun.23	35.50		1	Dec.15	38.42
Mar.24	32.92	Jun.30	35.25			Dec.22	37.50
Mar.31	31.72			1	1	Jec.29	36.08

# Perth County

Observation Well No.:

Observer: Location:

44
R.C.A.F. Personnel
Blanshard Township, West boundary concession, lot 11,
property of Government of Canada, Department of National
Defence
Drilled, gauge
37.5 feet
Sand and gravel
Automatic recorder
Oct. 7, 1952
Top of shelter platform, 3 feet above land surface

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Daily lowest water level from land surface

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
12 34 56 78 9 10 11 12 13 14 15 16 17 18 18 19 20 21 22 22 24 22 26 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	3.564 5.5938 1.446 86 2.3236 4.588 0.34 5.586 6.77 7.78 6.3332 3.44 5.586 6.68 2.77 7.77 7.77 7.77 7.77 7.77 7.77 7.7	3.885 9.904 8.877 8.877 9.904 8.877 8.977 8.	0,000000000000000000000000000000000000	1.455445771.84467711.88489011.88911.88911.88911.88911.88911.88911.88911.88911.89401.	2.23.398.8685.11106.288.22.23.398.6685.11106.288.33.390.668.499.406.684.994.5668.4994.	9942296207738389466046040734155664 22222237373777777777777777777777777777	33333333333344444444444444444444444444	55555555555555555566666666666666666666	7.1062622727777777777777777777777777777777	8.3358144703581366807124667777578024668888888888888888888888888888888888	8.88800112205702347661503681356699 8.888888888888888888888888888888888	9.02 9.05

Perth County - cont.

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 4 5 6 7 8 9 10 11 12 11 12 11 14 11 15 16 17 18 20 21 22 22 24 25 26 27 28 29 30 31	999999999999999999999999999999999999999	99999999999999999999999999999999999999	5391055592132886590277899903089996675566665555666655555666665555566666555555	159985862437414459577657795454 00000884455555677794567897964567 6666665555555555555444444444444444	450570688000467000714581591049780 7557074999790122775775445555067	778889000011738683063883940620627 7788890000111222234455556678889000127	6.22349514628495946666666666666666666666666666666666	77777777777778888888888888888888888888	444578158158889136926814788885469 4444445555666666777788889999999999999999999999	9.01 9.004 9.007 9.007 9.01 12 146 189 9.21 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	88478036991357880488906626662496 8888888888999999999888888888877777777	7948948948967777777777777777777777777777

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
123456789011234567890112222222222331	.8804666	7.450 7.450 7.550 7.550 7.550 7.1226 7.3496 7.5678 8.8959 9.006 8.1150 8.1160 7.124 8.1160 8.	7.869 7.594676289224495263059977777777777777777777777777777777777	3.02 3.09 3.14 114 116 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.0	2545836625827166272885396593 333333333333333333333344444444444444	44444455555555555555555555555555555555	84407406172284055548994055555556667781727777777777777777777777777777777	7.84994 7.90032887.750499483071504887.777.788888888888888888888888888888	8.54706588.66808.77370824869247.888.889247.99.06688.889247.99.012357.1788.99.11899.20	9.22	8.39771727172717271727172717271727172717271	7.76058888168007520002452200024522000245220002452200024522000245220002452200024522000245220002452200024522000245220002452200000000

1963

Day	Jan.	Feb.	Mar.	Apr.	May Ju	ın. Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	7.15	7.11	8.61			.11 6.13	7.64	8.77	9.34		9.62
2	7.15	7.76	8.65	2.75		.16 6.20	7.68	8.80	9.35		9.64
3	7.13	7.83	8.68	2.77		.32 6.28	7.72	8.81	9.37	****	.9.67
4	7.16	7.88	8.70	2.85		.37 6.35		8.83	9.38	::::	9.70
5	7.19	7.91	8.72	2.86		.42 6.43 .49 6.50	7.82	8.86	9.40	9.71	9.72
2	7.21	7.94	8.72	2.85	3.42 4	.49 6.50 .54 6.57		8.91	9.43	9.74	9.7
78	7.28		8.54	2.87	3.46 4	60 6.64		8.93	9.44	9.76	9.76
9	7.31		8.48	2.93	3.51 4	.63 6.68		8.96	9.45	9.78	9.74
1 Ó	7.35		8.46	2.95	3.51 4	.63 6.74		8.99	9.47	9.79	9.71
11	7.38		8.44	2.98	3.34 4	.57 6.81	8.05	9.02	9.48	9.80	9.68
12	7.40	2.13	8.42	3.02		.63 6.87	8.09	9.03	9.50	9.80	9.69
13	7.42	8.26	8.38	3.05	3.45 4	.70 6.93		8.99	9.51	9.80	9.74
14	7.46	8.29	8.31	3.10	3.52 4	.78 6.96		8.99	9.53	9.75	9.71
15 16	7.49	8.32	8.22	3.14	3.58 4 3.62 4	.85 7.00	8.19	9.02	9.54	9.73	9.72
17	7.58	8.38	8.00	3.20	3.66 5	.03 7.03		9.06	9.56	9.75	9.7
18	7.61	8.42	7.42	3.08		12 7.09		9.09	9.57	9.75	9.73
19	7.64	8.46	6.84	3.08		.21 7.12		9.11	9.59	9.68	9.76
20	7.66	8.46	6.39	2.66		.29 7.12		9.12	9.60	9.65	9.74
21	7.63	8.48	6.02	2.80	3.58 5	.38 7.12		9.14	9.62	9.62	9.75
22	7.52	8.49	5.72	2.89	3.64 5	.47 7.16	8.45	9.15	9.63	9.58	9.76
23 24	7.47	8.49	5.44	2.92		.56 7.19		9.17	9.66	9.54	9.7
24	7.45	8.51	5.15	2.99	3.74 5	.64 7.24		9.20	9.67	9.50	9.74
25 26	7.45	8.54	4.42	3.04	3.78 5	.71 7.30 .80 7.36		9.22	9.69	9.48	9.72
27	7.44	8.55	••••	3.14		.88 7.42		9.26	9.72	9.52	9.72
28	7.47	8.58		3.19		.94 7.47		9.28	9.73	9.54	9.72
29	7.56	0.50		3.22		.00 7.51	8.68	9.30	****	9.56	9.72
30	7.60			3.22		.06 7.55		9.32		9.59	9.72
31	7.66					7.60					9.7

Perth County

Observation Well No.: Observer: Location:

Perth County
51
A.Morris, M. Selves
Fullarton township; Mitchell Road gast, lot 16, property
of Upper Thames Valley Conservation Authority
Dug, abandoned
18 feet
Sand and gravel
Automatic recorder
Nov. 2, 1957
Elevation 1096.60 feet above sea level; 0 feet above
land surface

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Daily lowest water level from land surface

1960

Day	Jan. Peb.	Mar. A	pr. May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 5 6 7 8 9 110 111 2 113 114 5 116 7 118 119 22 1 22 22 22 22 22 22 22 22 22 22 22 2	5.37 5.84 5.38 5.88 5.34 5.88 5.50 5.81 5.50 5.54 5.57 4.89 5.70 5.74 4.89 5.70 5.77 5.29 5.01 5.77 5.29 5.01 5.37 5.48 5.45 5.58 5.563 5.67 5.78 5.76 5.78 5.80 5.78 5.80 5.80 5.80 5.80 5.80 5.80 5.80 5.80 5.80 5.80 5.80 5.80 5.80	6.01 2 6.02 2 6.03 3 6.08 3 6.11 3 7 7 7 8 8 117 3 7 7 8 8 117 3 7 8 117 3 7 8 117 3 8 117 3 8 10 3 8 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3	pr. May  -73 4.64 -54 4.91 -54 4.91 -51 5.17 -32 5.27 -39 5.39 -37 5.42 -75 4.89 -77 4.92 -75 4.87 -86 3.93 -86 4.11 -88 4.42 -88 4.42 -88 4.42 -88 4.42 -88 4.42 -88 4.42 -88 4.42 -88 5.58 -88 4.58 -88 4.42 -88 5.58	Jun. 5.84 55.782 55.997 66.090 66.11 6.14 6.5778 831 55.991 55.991 55.991 66.01	Jul. 14 66.17903556 66.2228922223333567902223333356790242356444880015512	6.58 6.559 6.665668 6.6666666666666666666666666666	9-446044826058815017381260582596997777777777777777777777777777777777	8.746 8.76934 8.87994 9.003 9.013 9.	Nov. 9.590 9.662 9.664 9.666 9.770 9	8.459 8.499 8.195 7.788 8.05 7.788 7.772 7.772 7.772 7.794 7.781 7.893 7.994 7.995

# Perth County - cont

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	8.070 8.114 9.114	8.93 8.93 9.01 9.04 9.08 9.08 9.10 9.08 9.11 9.08 9.11 1.11 1.22 1.22 1.22 1.33	7644 7649 7776	4.07517988744533333344443322223333333.	3.8986.50884.5266.129.71.8809.70880.336.71.5500.747.77.77.77.77.77.77.77.77.77.77.77.77	77391589997156195013467901135777544	6.24 66.22 66.22 66.22 66.22 66.33 66.33 66.22 66.33 66.23 66.33 66.23 66.33 66.23 66.33 6	7035677912457111367802 :6889035		7.89 7.99 7.99 7.98 8.04 8.04 8.02 7.52	336407965679111593044755088479824 76666666666666666666665555555555555555	0055044370120006278080059079525260 34448002345551355688800590712233445

Day	Jan.	Feb.	Mar.	Apr.	Nay	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1234456789101123415667892012234256789331	111577.736.777111166.704444.5555111554.88.88.88.99.99.88.88.88.88.99.99.88.88.	55555555555555556666666666666666666666	555555555566666233374433333222222233	2586925222763145322273044315777	55.123 	235668912222323457790122578901	466577912225794 666666666666666666666666666666666666	77.77.77.77.77.77.77.77.77.77.788888888	9.00 9.02 9.06 9.08 9.09 9.11 9.18 9.227 9.315 9.38 9.446 9.51	9.66 9.74 9.77 9.80 9.85 9.96 10.00 10.06 10.12 110.24 110.22 110.23 110.25 110.25 110.21 110	77777556 777777556 77777556 7777755555555	6.03 6.05 6.05 6.04 6.01

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec
1				3.52	4.85		6.38	7.02	8.35	9.66	10.62	10.5
2				3.65	4.85		6.40	7.06	8.43	9.65	10.65	
3				3.75	4.90	5.99	6.41	7.09	8.47	9.72	10.67	10.5
1 2 3 4				3.92		6.01	6.42	7.13	8.53	9.76	10-69	10.5
5				4.01		6.03	6.44	7.18	8.58	9.80	10.71	10.5
5 7 8 9			****	4.08	5.09	6.07	6.45	7.22	8.62	9.83	10.72	10.5
2				4.20	5.14	6.09	6.47	7.26	8.67	9.86	10.73	10.5
8				4.28	5.22	6.10	6.49	7.30	8.72	9.89	10.74	10.5
ă l		44-01-01-01-		4.40	5.32	6.10	6.51	7.33	8.78	9.93	10.77	10.5
10		• • • •	1 No. 7 - 2 - 11	4.50	5.33	6.08	6.53	7.38	8.83	9.96	10.79	10.5
11		****	****	4.62	4.96	6.05	6.56	7.42	8.87	10.00	10.85	10.5
12			****	4.71	5.05	6.09	6.59	7.45	8.91	10.04	10.86	10.5
13			****	4.80	5.09		6.60	7.46	8.96	10.08	10.88	10.5
14		****	****	4.90			6.60			10.12	10.89	
			****		5.22	****	0.00	7.51				
15				4.97	5.32	::::	6.62	7.59	0.13	10.16	10.90	10.5
16			****	5.03	5.38	6.18	6.64	7.63	9.13	10.20	10.90	10.5
17		****	****	5.05	5.41	6.20	6.68	6.67	9.17	10.23	10.90	10.5
18		****		5.06	5.40	6.22	6.70	6.72	9.20	10.26	10.90	10.5
19		****	****	5.05	5.25	6.23	6.70	6.75	9.23	10.30	10.89	
20				3.78	5.29	6.24	6.70	6.79	9.26	10.33	10.89	
21		****	****	4.02	5.34	6.26	6.72	6.84	9.29	10.37	10.87	
22			***	4.15	5.43	6.27	6.75	6.88	9.34	10.40	10.85	
23				4.28	5.49	6.29	6.77	6.92	9.40	10.42	10.81	
24				4.38	5.54	6.31	6.81	7.98	9.44	10.44	10.77	
25				4.47	5.59	6.32	6.84	8.04	9.47	10.47	10.74	
26				4.57	5.65	6.31	6.80	8.09	9.51	10.49	10.70	
27 28			****	4.68	5.70	6.32	6.88	8.13	9.54	10.52	10.65	
28	,		2.32	4.77	5.74	6.32	6.90	8.16	9.57	10.54	10.62	
29			2.45	4.80	5.81	6.35	6.92	8.20	9.59	10.57	10.58	
30			2.96	4.84	5.87	6.36	6.96	8.25	9.62	10.60	10.55	
31			3.36		5.92		6.99	8.30		10.62		

# Perth County

Observation Well No.: Observer: Location:

Type: Depth: Aquifer: Recording method: Records commenced: Keasuring point:

108
Upper Thames Valley Conservation Authority Personnel
Downie township, con XIV, lot 1, property of Upper
Thames Valley Conservation Authority
Drilled, gauge
75.5 feet
Rock
Futowards, recorder

Automatic recorder Jun. 20, 1963 Top side of recorder base 3.5 feet above land surface

# Daily lowest water level from land surface

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1							5.30	12.10	14.58	14.98	14.00	13.5
2							7.76	11,60	14.67	14.95	13.68	
3							7.83	11.75	14.71	14.92		13.8
3				W. W. W. W. W.			7.79	12.12	14.65	14.91	13.70	13.4
5							5.39		14.73	14.93	13.80	12.9
5		••••	****			2012/2016 (21.6)	5.38		14.87	14.93	13.82	13.5
2			*****			remember of the	5.35		14.90	14.90		13.6
7			*****				7.72	12.60	14.91	14.82	13.88	13.1
9										14.81	13.82	
	****			*****	*****	*****	8.65		14.92			13.5
10						****	8.05	13.27	14.97	14.97	13.82	13.7
11							10.30	13.32	14.98	14.82	13.85	13.8
12							9.00	13.18	14.98	14.82	13.88	
13			****			*****	8.34	13.50	14.92	14.80		14.0
14								13.75	14.98	14.83	13.85	14.1
15							10.00	13.85	15.00	14.84	13.21	14.1
16							10.35	13.92	14.98	14.82	12.60	14.2
17							10.40	13.85	14.85	14.78	12.42	13.7
18							8.95	13.85	14.90	14.65	12.22	13.9
19							10.00	13.85	14.90	14.55	12.80	14.0
20						5.30	9.19	13.95	14.81	14.50	12.60	
21			- 20 - 20	11.00		5.34	9.20	14.08	14.85	14.53	12.40	
22						5.38	9.15	14.25	14.92	14.55	12.25	14.0
					100000 00000	5.40	9.10	14.32	14.97	13.81	12.70	13.9
23	20000				AS 180 P. S. S.	5.42	9.98	14.40		13.65	12.73	13.9
25		*****				5.44	10.65		14.95	13.62		
25 26					*****	2.44					12.10	13.9
					****	5.48	11.20	14.53	14.97	13.60	12.40	
27		****	* * * * *			6.58	9.85	14.58	14.92	13.70	12.28	13.8
28						5.35	10.05	14.60	14.88	13.77	12.60	
29						5.20	10.85	14.65	14.83	13.87	13.38	
30					****	5.26	11.35	14.60	14.98	13.92	13.30	
31							12.50	14.56		13.98		

# Waterloo County

Observation Well No.; Observer: Location:

32

32
Elmira Public Utilities Commission Personnel
Town of Elmira, property of Elmira Public Utilities
Commission
Drilled, municipal
118 feet
Sand and gravel
Manually, by type
Nov. 30, 1946
Top of nipple 1.16 feet above land surface

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

# Distances of water level from land surface

# 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1 Jan. 31 Mar. 7	24.42 28.01 28.59	Apr. 3 May 2 May 29	29.74 19.89 19.35	Aug. 1 Oct. 1	19.62 21.52		

#### 1961

Dat <b>e</b>	Feet	Date	Feet	Date	Feet	Date	Feet
Feb.12	23.64	Apr. 1 Apr.30 Jun. 5	23.80 22.04 21.88	Jul. 2 Aug. 1 Sep. 3	22.69 22.27 22.22	Oct. 1 Nov. 1 Dec. 3	22.69 23.24 23.89

# 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1 Feb. 4	24.45 24.60	Apr. 2 May 1 May 10	23.26 23.89 22.89	Jul. 1 Aug. 1 Sep. 1	23.13 23.41 24.10	Oct.28 Dec. 2 Dec.30	24.72 24.86 24.99

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 3	25.92	Jun. 2 Jul. 1	25.10 25.79	Aug. 4 Sep. 1	25.25 26.93	Dec. 1	27.67

# Waterloo County

Observation Well No. Observer: Location:

Blmira Public Utilities Commission Personnel
Town of Elmira, property of Elmira Public Utilities
Commission.
Drilled, municipal
59 feet
Sand and gravel
(Manually by tape
(Automatic recorder installed Aug. 18, 1960.
Nov.30,1946
Airline opening at base of pump 0.3 feet above land
surface

Type: Depth: Aquifer: Recording method:

Records commenced: Measuring point:

# Distances of water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	.Jul.	Auge	Sep.	.Oct.	Nov.	Dec.
1	15.23							9.42	17.82	22.02	21.15	22.23
					7.97				18.17	19.00	21.35	22.30
2 3 4				8.56					18.22	21.92	21.48	22.35
4									17,10	19.85	21.08	21.22
5 7 8 9									15.92	20.85	21.95	21.95
6									17.45	21.42	20.28	22.35
7			12.03						.0 00	21.78	20.82	22.15
8	*****			*****				****	18.88	21.82	20.82	22.18
9									19.20	20.22	20.62	22.32
10						****			18.71	19.00	20.80	22.42
11						****			18.70	19.35		21.30
12							7-1-1-1-0		18.70	20.42	18.95	22.20
13			****			****			19.48	20.68	18.45	22.60
14									19.74	20.51	19.70	22.72
15									19.98	19.70	20.55	22.98
15 16						*****			20.05	18.98	21.10	23.20
17									20.18	19.98		23.30
18								14.81	18.62	20.20	21.18	22.25
19			10 10 10 10 10					15.32	19.42	20.25	21.10	22.70
20						*****		15.34	20.22	20.47		23.00
21								14.35	20.62	20.53	20.40	23.41
22								15.16	20.65	21.00	21.18	23.45
23			*****					16.36	20.73	19.90	21.72	23.80
23 24			*****	0.000000				16.70	20.75	20.40		23.85
25	2.5.4.2.4		****			*****		16.88	19.98	20.85	22.02	21.82
25 26	*****					0.0000000000000000000000000000000000000	room roomens	12.22	20.00	20.56		22.60
20		*****	*****	****		****	****	15.95	20.67	20.65		22.60
27 28		*****	*****			****		16.65	21.10	21.05		19.42
29			*****		9.94	****		16.78	21.22	21.11		19.10
30	* * * * *		*****			****		17.22	21.75	19.25	22.25	20.00
31	15 00		*****			****		17.53		20.25		21.30
71	15.27	****						11.000		20.25		21.)(

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Očt.	Nov.	Dec.
1	22.38	23.91	22.85	20.12	20.50		23.35	17.50	19.52	20.10	22.72	24.62
2	22.75	24.16	23.08	20.99	20.33			19.00				24.6
3	21.08			20.70	20.76			16.70			22.92	23.49
4	22.12	24.55	22.90	20.62	21.06			16.30	16.65	21.80	22.75	23.6
5	22.65	22.91	21.50	20.98	21.36	21.30	21.40	16.50	18.00	22.18	22.91	24.13
6	22.90	23.42	22.25	21.34	21.07		22.00	16.85	19.20	22.50	22.62	23.9
7	22.35	23.82	22.44	21.65	21.08	21.65	22.15		19.95	22.50	23.92	23.9
8	21.65	23.92	22.38	21.24	21.33	21.80	21.95	17.32	20.50	20.00	23.20	24.0
9	22.78	24.35		20.18	21.00	21.95	20.30	16.50	20.15			24.03
10	23.10	24.65		20.36		22.20		16.90	17.70			22.7
11		24.67	22.36	20.66		20.65	21.82	17.05	19.40	21.20	23.90	23.3
12		23.10	21.18	20.86		20.90	21.90	17.20	20.00	21.88	22.32	23.8
13	23.14		21.62				22.22	17.70	20.60			24.0
14	23.13		21.90			22.30	22.50		20.80			24.13
15 15	22.91		22.10			21.90	22.35	17.70	21.65		23.60	24.4
	22.52	23.59	22.34	20.40			19.90		21.55			24.5
17	22.94	23.85	22.62			22.25	20.92	17.70	19.05		24.05	23.40
18	23.32					20.50	21.60	18.30	19.75	22.30		23.7
19	23.30	22.75		20.85		21.50	22.02	17.85	20.80	22.72		23.8
20	23.28		21.03		****	20.88		17.05	21.53	22.72		23.9
21	23.38			21.50		22.45		17.50	21.92	22.32	23.67	24.12
22	21.95	23.10		21.05			22.30	18.35	22.22		23.98	
23	23.67		21.54					18.75	22.30	21.55	24.15	
24	23.16	23.61	21.65			22.88		19.10	20.40	21.98	24.50	22.5
25	23.08	23.17		20.40		21.65		19.30	20.50	22.30		
26	23.03			20.70		22.00	21.20	18.55	21.35	22.60		22.3
27	23.10	22.23		20.90		22.45	20.65	17.05	21.85	22.82		22.9
28	23.27	22.64		20.96			19.65		22.30	22.85		23.72
29	22.35			20.32			18.70		22.45	21.60		23.7
30	22.99	2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2		20.86			18.05			21.88		23.5
31	23.43		20.96				17.80	19.20		22.52		22.13

# Waterloo County - cont.

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	20.80	24.50	24.20	19.52	20.00	21.60	19.90	20.30	22.70	23.35	25.35	25.95
2	22.20	24.65	24.30	20.55	20.38	21.10	18.35	19.60	22.00	23.70	25.65	25.20
3	22.88	24.67	23.80	21.00	20.95	19.35	20.35	17.70	21.00	23.80	25.65	25.40
4	23.00	23.05	22.57	21.25	21.20	19.88	21.30	17.15	21.92	23.80	24.75	25.60
5	23.20		23.20	21.45	21,00	20,30	21,95	16.35	22.70	24.10	24.90	25.70
6	23.30	23.80	23.60	21,28	18.70	20.50	22.30	16.32	23.00	24.20	25.25	25.6
7	22.30	24.10	24.08		19.70	20.90	21.35	16.10	23.25	23.40	25.40	26.0
8	22.80	24.38	24.35	19.10	21.45	21.50	20.92	16.10	23.30	22.70	25.65	26.0
9	23.30	24.72	24.60	20.00	20.55	21.95	21.35	18.40	22.35	22.30	25.80	25.3
10	23.47	24.75	24.40	20.85	20.90	21.30		17.55	22.75	22.70	25.60	25.5
11	23.60	23.05	23.00		21.20	21.45	22.30	16.45	23.10	23.00	24.50	26.1
12	23.80		23.41	21.20	21.40	21.25	22.55	16.28	23.40	23.30	23.80	26.3
13	23.64		23.70		19.10	21.35	22.90	16.30	23.70	23.35	24.10	26.2
14	22.65		23.90		20.30	21.35	22.90	18.10	24.10	22.60	24.65	
15	23.05		24.12		20.05	21.45	21.90	18.80	24.30	23.30	24.85	26.1
16	23.40		24.28		21.60	20.80		19.90	24.10	23.85		24.9
17	23.45	24.80	23.80	20.68	22.10	19.60	22.90	20.55	24.08	24.10	25.35	24.7
18	23.55		22.60	20.92	22.15	20.40		20.35	24.40	24.20	23.90	25.1
19	23.75	23.73	23.08	21.25	22.60	20.70		19.05	24.40	24.45		25.3
20	23.90	23.92	23.20	18.95	19.90	20.90	23.20	19.52	24.20	24.25	24.60	25.6
21	22.30	23.88	23.15	18.25	18.95	20.95	23.25	20.80	24.50	23.10	25.10	25.7
22	23.00	23.75	23.30	17.50	20.40	21.10	22.37	21.40	24.70	23.45		
23	23.45		23.35		21.00	21.05		22.82	24.30	23.15	25.70	25.9
24	23.95			19.30	21.55	18.70	22.15	22.15	24.35	23.15	25.80	24.7
25	23.98	22.50	21.45	20.20	21.90	19.90	22.05	22.30	24.32	24.20	24.70	23.9
26	24.13	23.00	21.40	20.70	21.95	20.55	21.30	21.20	24.52	24.40	25.85	24.0
27	24.25	23.40	21.78	20.90	20.20	21.05	21.10	21.75	24.50	24.55	25.40	25.1
28	22.68	23.92	21.92	20.88	21.10	21.50	20.50	22.35	24.60	23.70	25.80	25.2
29	23.00		21.90	19.15	21.20	22.05	19.10	22.80	24.50	24.20	26.00	25.3
30	23.75	****	21.88	19.35	22.20	22.15	18.30	23.00	23.15	24.55	26.30	24.5
31	24.08	****	21.98		22.20		20.10	23.10		24.95		24.0

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec
1	23.45	26.67	27.60	22.15	22.90	22.70	21.50	21.60	22.30	23.50	25.75	26.7
2	23.05	26.70	27.40	22.80	23.05	21.30	22.80	21.55	21.40	23.80	25.75	26.9
3	24.90		26.40		23.10			20.00			24.60	
4	25.40	26.85	26.30	22.70	22.85			19.00		24.45	24.70	29.4
5	25.65	26.95	26.90	22.85	21.30			18,60				
	24.85	27.10	27.00	22.85	21.75	23.25	24.20	17.95	23.15	22.60	25.60	29.4
7	24.65	27.10	27.35	20.70	22,50	23.60	21.60	20.10	22.70	22.30		
8	25.45	27.20	27.65	21.30	22.95	23.62	22.05		22.15		26.00	
9	25.55	27.40		33.15								
10	25.90	26.30	26.30	22.55	23.05	22.60	23.85	17.70	23.15	23.90	25.20	28.1
11	26.12	26.10		22.90						24.20		
12	25.95	26.60	26.90	22.65	22.10	23.15	24.90	18.90	23.55	24.20	24.10	28.4
13	24.92			20.00	22.10	23.50	25.95	18.55	23.75	24.10	24.60	29.7
14	25.00	27.20	27.65	19.80	22.75	23.70	23.10	18.20	23.40	23.60	24.15	28.5
15	25.65	27.35	27.85	20.30	23.05	23.60	22.60	17.90	22.50	23.45	25.60	28.1
16	25.90		27.85		23.30		23.10	17.80	22.85		25.60	
17	26.10	26.30	26.80	21.70	23.25	22.90	23.12	17.15	23.30	24.35	25.10	
18	26.35	26.70	26.30	22.35	23.30	23.20	23.50	17.05	23.50	24.80	25.15	28.6
19	26.40	27.00	26.40	22.60	22.10	23.45	23.10	16.95	23.60	24.75	25.55	28.8
20	25.20	27.20	26.65	22.52	20.95	23.65	23.30	18.50	23.80	24.20	25.90	29.0
21	25.50	27.30	26.85	21.00	21.10	24.00	23.00	20.20	23.70		26.20	
22	26.15	27.25	27.05	21.20	21.95	23.80	23.10	21.00	23.25		26.35	
23	26.25	26.60	27.05	22.40	22.30	23.20	23.45	21.75	23.30	25.05		
24	26.45	26.65	25.60	22.80	22.55	23.25	23.60	22.10	23.60	25.30	25.95	28.2
25 26		26.95	25.05	23.00	22,40	23.90	23.65	21.05	23.80	25.40	26.05	26.2
26	26.00	27.15	24.65	23.20	21.65	24.45	23.52	21.85	24.00	25.30	26.45	26.6
27			24.45	23.15	21.20	24.65	22.60	22.70	24.35	24.80	27.75	27.3
28	24.85			21.60	22.35			23.00		24.85		
29	26.30			21.45	22.65			23.30			27.30	
30	26.40		24.30	22.30	22.90			23.75		25.50	27.00	27.3
31	26.42		22.35		22.90			23.65		25.35		27.5

# Waterloo County

Observation Well No.:

Observer: Location: 34 J.S.Leslie, W. Schmidt City of Kitchener, Shoemaker Avenue pumping station Drilled, municipal, abandoned 370 feet

Type: Depth: Aquifer:

Dolomite

Recording method: Records commenced: Measuring point:

Manually, by tape Sep.11, 1946 Top of casing 1 foot above land surface, elevation 1058 feet above sea level

# Distances of water level from land surface

#### 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	32.32	Apr. 1	33.78	Jul. 1	32.29	Oct. 1	32.32
Feb. 1	33.76	May 1	32.61	Aug. 1	30.79	Nov. 1	31.56
Mar. 1	33.22	Jun. 1	32.42	Sep. 1	33.25	Dec. 1	31.26

# 1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	29.69	Apr. 1	29.44	Jul. 1	33.11	Oct. 1	30.98
Feb. 1	31.14	May 1	28.14	Aug. 1	27.95	Nov. 1	30.21
Mar. 1	31.97	Jun. 1	30.92	Sep. 1	31.30	Dec. 1	31.92

# 1962

Date	Peet	Date	Feet	Date	Feet	Date	Feet
Feb. 1 Mar. 1	33.60 33.00	Apr. 2 May 1 Jun. 1	28.50 29.60 35.28	Jul. 3 Aug. 1 Sep. 1	32.60 20.09 33.60	Nov. 1 Dec. 1	32.29 28.75

# 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1 Feb. 1 Mar. 1	28.69 31.71 32.35	Apr. 1 May 1 Jun. 1	30.12 30.87 31.02	Jul. 1 Aug. 1 Sep. 2	34.98 27.85 31.51	Oct. 1 Nov. 1 Dec. 1 Dec. 31	32.75 34.61 34.89 32.09

# Waterloo County

Observation Well No.:

J.S. Leslie, W. Schmidt
City of Kitchener, Shoemaker Avenue, pumping station
Drilled, municipal, abandoned
196 feet
Dolomite
Manually by tape
Sep.il, 1946
Top of casing 1 foot above land surface, elevation 1058
feet above sea level

Observation Well No Observer: Location: Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

# Distances of water level from land surface

# 1960

Date	Feet	Date	Feet	Date	Peet	Date	Feet
Jan. 1	27.32	Apr. 1	30.79	Jul. 1	29.27	Oct. 1	28.54
Feb. 1	29.11	May 1	28.42	Aug. 1	17.01	Nov. 1	26.66
Mar. 1	28.68	Jun. 1	29.54	Sep. 1	29.11	Dec. 1	26.42

# 1961

Date	Feet	Date	Peet	Date	Feet	Date	Feet
Jan. 1	23.01	Apr. 1	15.59	Jul. 1	28.51	Oct. 1	20.98
Feb. 1	26.40	May 1	15.99	Aug. 1	17.00	Nov. 1	24.98
Mar. 1	24.69	Jun. 1	27.46	Sep. 1	25.00		1

Date	Feet	Date	Peet	Date	Feet	Date	Feet
Peb. 1 Mar. 1	28.65 29.05	Apr. 2 May 1 Jun. 1	19.50 24.60 31.27	Jul. 3 Aug. 1 Sep. 1	27.40 22.50 29.50	Nov. 1 Dec. 1	25.90 33.21

#### Waterloo County - cont.

### 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1 Peb. 1 Mar. 1	19.87 25.73 25.29	Apr. 1 May 1 Jun. 1	17.47 21.71 21.05	Jul. 1 Aug. 1 Sep. 2	25.58 20.27 17.20	Oct. 1 Nov. 1 Dec. 1 Dec.31	26.78

#### Waterloo County

Observation Well No.:

Observer: Location:

Type:
Depth:
Aquifer:
Recording method:
Records commenced:
Measuring point:

59
E.G.Boeckner, W. Schmidt
City of Kitchener, Strange Street pumping station
Drilled, municipal, abandoned
202 feet
Dolomite
Manually, by tape
Nov.29, 1946
Top of wooden plank level with land surface, elevation
1070 feet above sea level

## Distances of water level from land surface

## 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	47.00	Apr. 3	51.30	Jul. 3	50.90	Oct. 2	55.60
Feb. 7	51.00	May 1	52.40	Aug. 7	52.00	Nov. 6	53.90
Mar. 6	53.50	Jun. 5	52.40	Sep. 4	54.20	Dec. 5	53.70

### 1961

Date	Peet	Date	Feet	Date	Peet	Date	Feet
Jan. 1 Feb. 7 Mar. 8	53.20	Apr. 9 May 7 Jun. 4	53.30 51.50 51.20	Jul. 2	53.10	Oct. 3 Nov. 1 Dec. 1	52.80

## 1962

Date	Feet	Date	Peet	Date	Feet	Date	Peet
Peb. 1 Mar. 1	54.00 54.80	Apr. 2 May 1 Jun. 1	52.90 53.75 58.00	Jul. 3 Aug. 1 Sep. 1	52.85 46.34 54.49	Nov. 1 Dec. 1	53.90 54.39

## 1963

Date	Peet	Date	Feet	Date	Feet	Date	Peet
Jan. 1 Feb. 1 Mar. 1	48.48 54.48 54.50	Apr. 1 May 1 Jun. 1	52.69 54.44 55.81	Jul. 1 Aug. 1 Sep. 2	55.62 49.50 52.81	Oct. 1 Nov. 1 Dec. 1 Dec. 31	56.17 57.69 56.02 53.39

## Waterloo County

Observation Well No.:

Observation Well No Observer: Location: Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Waterloo County
82
A. Kaufman
City of Kitchener, Bechtel's Tract, property of A.Kaufman
Used, drilled
127 feet
Sand and gravel
Hanually, by tape
May 10, 1958
Top of casing at land surface

## Distances of water level from land surface

Date Fee	Date	Feet	Date	Reet	Date	Peet
Jan. 9 17.8 Jan. 30 19.9 Apr. 9 17.6 May 3 17.5 May 9 17.4 May 16 17.4	May 23 May 30 Jun.18 Jul.1 Jul.21 Aug. 5	17.50 17.50 17.50 17.50 17.60	Aug.20 Sep. 3 Sep.15 Sep.28 Oct. 6 Oct. 7	17.60 18.20 18.30 18.40 20.10 23.00	Oct.10 Oct.11 Oct.17 Oct.18 Oct.29 Dec. 4	18.00 39.00 38.00 41.40 18.50

## Waterloo County - cont

1961

Date	Peet	Date	Feet	Date	Feet	Date	Feet
Jan. 8 Mar. 4 Apr. 7	18.60 18.60 18.50	Apr.30 May 29 Jun.23	18.40 18.40 18.60	Jul. 9 Aug. 4 Sep. 3	18.60 25.50 18.80	Oct. 3 Oct. 4 Oct. 5 Oct. 8 Nov. 3	32.10 25.50 19.40 18.80 21.40

#### 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.10 Feb. 5 Mar.25	20.60 20.10 18.60	May 19 Jun. 8	30.60 21.30	Jul.25	35.30	Oct. 8 Nov.19	37.40 37.40

#### Waterloo County

Observation Well No.:

Observer: Location:

83
S.Becker
City of Kitchener, Bechtel's Tract, property of S. Becker
Used, drilled
120 feet
Sand

Type: Depth: Aquifer:

Sand
Manually, by tape
May 10,1958
Top of casing in well pit 3 feet below land surface

Recording method: Records commenced: Measuring point:

#### Distances of water level from land surface

## 1960

Date	Feet	Date	Peet	Date	Peet	Date	Feet
		Jun. 3 Jul.17	6.60 7.10	Aug.21 Sep.24	7.20		

#### 1961

Date	Feet	Date	Feet	Date	Pest	Date	Feet
		May 13 Jun.29	7.65 7.80	Jul.31 Aug.20	7.90 5.00	Sep.12 Oct. 3	8.10 20.70

## Waterloo County

Observation Well No.: Observer: Location:

116

116
W. Schmidt
Wilmot township, con North of Bleams Road, lot 2, property of: Kitchener Water Commission
Drilled, gauge
97 feet
Clay gravel and sand
Manually, by tape
Jun. 8, 1962
Top of casing level with land surface

Type: Depth:

Aquifer: Recording method: Records commenced: Measuring point:

## Distances of water level from land surface

Date	Feet	Date	Feet	Date	Peet	Date	Peet
Jun. 8	16.23	Aug. 3	16.58	Ogt. 5	16.83	Dec. 7	17.12
Jun.15	16.08	Aug. 10	16.35	Oct.12	16.85	Dec.14	16.8
Jun.22	16.19	Aug.17	16.50	Oct.19	16.83	Dec.21	16.79
Jun.29	16.29	Aug. 24	16.60	Oct.26	16.75	Dec.28	16.8
Jul. 6	16.33	Aug.31	16.67	Nov. 2	16.77		
Jul.14	16.44	Sep. 7	16.71	Nov.16	16.77		i i
Jul.21	16.54	Sep.14	16.73	Nov.23	16.87		
Jul.27	16.62	Sep.21	16.79	Nov.30	16.85		
100 00 000	A CONTRACTOR OF THE PARTY OF TH	Sep.28	16.73	1000 1100 1100 1100			I

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	16.81	Apr. 5	16.32	Jul. 5	17.02	Oct. 4	17.32
Jan.12	16.79	Apr.12	16.25	Jul.12	17.17	Oct.11	17.39
Jan.18	16.85	Apr.19	16.20	Jul.19	17.29	Oct.18	17.46
Jan.25	16.92	Apr.26	16.21	Jul.26	17.29	Oct.25	17.48
Feb. 1	16.92	May 3	16.20	Aug. 2	17.33	Nov. 1	17.52
Feb. 8	16.80	May 10	16.19	Aug. 9	17.29	Nov. 8	17.62
Feb.15	16.92	May 17	16.30	Aug.16	17.25	Nov.15	17.72
Feb.22	16.87	May 24	16.37	Aug.23	17.19	Nov.22	17.75
Mar. 1	16.92	May 31	16.44	Aug.30	17.21	Nov + 29	17.76
Mar. 8	16.87	Jun. 7	16.46	Sep. 6	17.02	Dec. 6	17.75
Mar.15	16.85	Jun.14	16.75	Sep.13	17.29	Dec.13	17.86
Mar.22	16.29	Jun.21	16.84	Sep.20	17.23	Dec.20	17.79
		Jun.28	16.85	Sep.27	17.14	Dec.27	17.94

## Waterloo County

Observation Well No.: Observer: Location:

Waterloo County
117
W. Schmidt
Wilmot Township, con. South of Bleams Road, property of Kitchener Water Commission
Drilled, gauge
136 feet
Clay and gravel
Manually, by tape
Jun. 8, 1962
Top of casing 2.6 feet above land surface

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

### Distances of water level from land surface

### 1962

Date	Feet Da	te Feet	Date	Feet	Date	Feet
Jun. 8 Jun.15 Jun.22 Jun.29 Jul. 6 Jul.14 Jul.21 Jul.27	10.71 Aug 10.83 Aug 11.00 Aug 11.17 Sep 11.33 Sep 11.00 Sep	.10 10.57 .17 10.48 .21 10.73 .24 10.48	Oct. 5 Oct.12 Oct.19 Oct.26 Nov. 2 Nov. 16 Nov.23 Nov.30	11.23 11.23 11.13 11.02 11.05 11.15 11.09 11.17 11.24	Dec. 7 Dec.14 Dec.21 Dec.28	11.11 11.29 11.23 11.17

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	11.23	Apr. 5	10.63	Jul. 5	11.67	Oct. 4	12.17
Jan.12	11.32	Apr.12	10.67	Jul.12	11.90	Oct.11	12.17
Jan.18	11.36	Apr.19	10.54	Jul.19	12.04	Oct.18	12.17
Jan.25	11.40	Apr.26	10.54	Jul.26	11.86	Oct.25	12.15
Feb. 1	11.44	May. 3	10.68	Aug. 2	10.86	Nov. 1	12.21
Feb. 8	11.44	May 10	10.58	Aug. 9	11.73	Nov. 8	12.13
Feb.15	11.44	May 17	10.73	Aug.16	11.82	Nov.15	12.22
Feb.22	11.42	May 24	10.79	Aug.23	11.94	Nov.22	12.23
Mar. 1	11.52	May 31	10.82	Aug.30	12.00	Nov.29	12.25
Mar. 8	11.46	Jun. 7	10.92	Sep. 6	12.11	Dec. 6	12.27
Mar.15	11.46	Jun.14	11.07	Sep.13	12.15	Dec.13	12.32
Mar.22	11.11	Jun.21	10.50	Sep.20	12.13	Dec.20	12.23
Mar.29	10.50	Jun.28	11.50	Sep.27	12.23	Dec.27	12.34

### Waterloo County

Observation Well No.: Observer: Location:

Waterioo County

87

O.W.R.C. Personnel
City of Galt, formerly Waterloo Township Beasley's lower
Blook, con II, lot 5, property of the Ontario Water Resources
Commission
Drilled, test
243 feet
Guelph and Lockport formation
Automatic Recorder
Top side of recorder platform 2 feet above land surface

Type: Depth: Aquifer: Recording method: Records commenced:

Daily lowest water level from land surface

### 1960

Day	Jan.	Peb.	Mar.	Apr.	May	Jun,	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	67.60	62.85	57.02	55.88	72.40						74.80	76.10
2		62.80			72.55						76.00	76.10
3		62.90	56.87	56.17	61.00						76.10	76.12
4	67.12	63.10	56.45	56.15	59.80						71.50	75.80
5	65.20	63.35	62.00	59.10	59.48					71.80	70.95	72.20
6	65.10	63.58	62.80	59.52	59.40					72.20	70.35	73.80
7	65.10	63.35	62.91	59.65						72.80	69.90	73.80
8	65.22	63.28	55.80	59.74						72.80	69.90	73.42
9	65.10	60.50	53.38	69.55						72.50	69.80	
10	65.32	59.92	53.00	71.75	61.50					72.10	74.70	
11	65.14	62.27	52.65		60.14					68.60	75.58	
12	62.91	58.70	59.83	60.70	60.00					69.10	75.65	
13	62.80	59.43	59.72	61.15	59.80					71.00		
14	62.52	59.78	59.72	66.75						71.25	71.35	
15	63.00	59.60		71.65						71.35	71.60	
16	63.02	59.08		72.60						71.40	72.15	
17	62.98	58.95	53.10	72.90						71.25	72.25	
18	63.25	57.85		72.90						71.40	72.45	
19	62.88	58.75	58.45	64.20						71.55	72.40	
20	62.38	56.70	59.15	61.55						71.95	72.40	****
21	62.52	58.32	59.21	61.08						71.95	69.80	
22	62.72	58.60		61.40						71.95	71.60	
23		56.88	53.35	71.20				*****		71.65	72.22	
24	62.92	56.65		72.50							72.25	
25	63.00	56.65	59.70	72.55						74.15		
26		56.80		59.90						74.20		****
27	62.55	56.38		59.70						74.40	71.60	
28	62.82	58.65		59.35						74.55	69.00	
29	62.68		56.15	59.45					,		72.05	
30	62.60			69.20							73.30	
31	62.72		56.20							74.20		

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1		76.98	75.45	73.05		78.90	81.40	79.90		73.25		81.70
2		77.03	74.85	72.95	74.62	79.80	76.50	77.25	74.25	75.20	81.70	79.70
3		77.03	75.10	72.20		80.15	75.25	75.50	74.25	78.40		74.40
4		77.03	75.20	73.25	75.70	80.18	76.70	77.62		79.25	82.15	74.25
5		77.10	74.85	73.45		75.20	79.40	77.70		79.35	74.70	78.75
6		73.65	74.92	73.70	75.55	75.85	79.65	75.10	78.00	79.70	75.15	79.40
8		76.15	73.63	73.85	74.65	76.25	79.65		78.65	79.80	78.15	80.00
	2212	76.60	73.70	73.85	74.75	77.15	76.15	77.50	78.80		80.75	80,60
9	72.10	77.80		73.80	76.60	77.30	75.65	78.55	78.80	75.80	81.15	80.60
10	72.50	78.32	78.95	73.50	79.15	77.30	76.60	20.00	75.95	79.60	81.30	75.55
11	72.80	78.33	78:05	73.85	79.35	75.20	78.60	74.05	*****	80.80	81.20	78.70
12	72.85	78.18	77.68	73.80	79.35	74.50	79.20	74.05	79.50	81.05	81.00	80.55
13	72.88	74.20	72.10	73.82	75.70	76.80	79.40	74.05	80.25	81.10	81.00	81.15
14	73.05	75.45	77.65	73.90	75.55	78.05	79.40	74.05	80.35	80,90	80.20	81.15
15 16	73.05	75.53	78.70	73.90	75.20	78.90	79.40	74.10	76.30	80.90	80.80	81.40
	72.78	75.53	78.70	73.80	75.95	79.40	75.45	78.80	73.50	80.65	80.80	81.35
17	74.42	76.84	78.40	73.60	76.18	79.15	78.30	79.80	74.30	80.30	80.90	66.50
18	74.80	77.03	72.00	73.90	76.18	75.70	79.35	80.00	78.00	77.30	76.80	78.90
19	74.88	77.18	71.00	74.05	76.38	74.75	79.65	80.05	78.70	79,10	74.00	81.15
20	74.78	77.90	78.30	74.05	76.38	77.40	80.00	75.15		79.65		81.80
21	74.83	77.95	78.55	73.95	76.05	78.05	80.15	:: :::	* * * * *	79.65		82.05
22	74.78	77.83	76.85	73.90	75.80	78.35	80.20	79.60		97.40	81.15	82.05
23	75.40	72.15	75.00	73.90	74.60	78.50	79.90	80.25	72.90	79.20	81.40	81.95
24	78.90	72.15	74.85	74.25	78.60	78.50	79.45	75.85	71.60	79.50		77.15
25	79.02	71.98		75.62	79.15	78,50	79.25	76.45	76.25	80.40	81.50	71.40
26	74.10	72.15	71.70	76.40	79.50	:::::	79.40	75.65	77.85	80.60	77.00	74.30
27	73.50	77.55	77.80	76.40	79.50	76.70	79.40	75.60	78.05		76.10	78.25
28	73.63	78.00	78.15	76.40	75.50	80.90	79.55	75.75	78.10	80.70		78.40
29	73.67		73.60	76.40	74.65	81.15	79.58	78.40	76.50	75.40		76.70
30	74.20		73.60	76.35	75.85	81.60	79.60	78.60	74.35	74.40	81.70	74.80
31	76.40		73.60		75.90		79.10	77.00		79.60		74.35

## Waterloo County - cont.

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	75.10	76.65		74.38		76.20			71'.80	78.50	82.45	
2	75.65	76.20	81.00	79.50	79.90	79.70	97.22 87.20	75.80	75.95	\$8.95 80.65	82.70	
3	76.05	77.10	76.55	79.85		81.90	78.90	74.95	78.10	80.95	82.55	82.35
5 6	76.05	76.95	80.60	80.10	88.90	77.90	77.50	.74.85	79.45	81.00	81.30	82.60
6	75.85	74.65	81.40	80.30	81.30	80.75	76.80	74.40	77.50	79.35	82.40	82.60
7 8	76.20	74.85	81.60 81.60	74.80		81.50	77.40	75.15	77.25	78.80	82.40	83.00
9	76.65	75.30	81.50	74.05		77.30	76.75	77.00	77.15	77.50	82.85	
10	76.80	77.90	75.10	80.70		91.70	76.80	77.80	74.50	81.60	82.50	81.30
11		77.90	74.70	81.05	79.10	82.20	76.45	77.80	76.75	82.20	82.60	
12	78.45	77.60	76.60	81.18	78.83	90.30	76.20	75.95	77.00.	82.40	81.70	83.35
13		77.50		78.60		79.40	78.80	75.60	76.45	82.45	82.35	83.35
14 15	77.60	80.80	77.40	75.50	79.35	76.95	83.50	77.20	76.60	78.65	82.85	83.30
16	78.70	81.20	77.85	75.00	79.10	77.05	84.60	79.05	77.30	82.00	82.85	
17	79.42	81.38	77.85	77.25	78.20	82.80	81.45	79.10	79.80	82.15	82.95	
18	79.45	79.15	77.85	78.25	76.40	83.25	76.00	78.00	80.90	82.10	81.40	83.45
19	79.60	75.55	77.85	78.28	76.50	77.80	75.10	77.55	81.15	82.30	81.20	84.05
20	79.40	76.80	77.60	78.35	83.55	76.50	75.25	77.15	81.15	81.90	83.15	84.40
22	77.35	81.30	80.45	74.60	84.30	75.05		79.60	80.85		84.05	83.50
23	79.00	81.45	80.48	73.30	80.70	80.00		80.75	76.10	82.00	84.20	76.10
24	79.60	74.60	75.55	78.40	79.85	81.25		80.90	79.45	82.60	83.90	70.00
25	81.28	74.50	75.10			81.35	*****	80.95	80.35	82.60	79.15	74.70
26 27	81.38 78.78	79.90	77.95	79.55	82.50	79.50	*****	74.30	80.60	82.60	83.10	75.85
28	79.15	80.40	79.65	79.05	77.60	77.82		75.60	80.70	77.70	83.60	82.90
29	77.35		79.65		76.40	76.95		75.95	80.70	82.50	83.60	82.90
30	77.38		79.80	85.20	76.50	76.75		81.50	76.30	83.35	83.60	82.10
31	76.85		75.15	S	76.40			82.30		83.45		82.20
J*	,0.05		13.13		70.40			02.90		0).49		02

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	78.55	84.20	84.20	84.05	85.80	85.82	84.30	83.75	82.90	85.00	89.65	90.25
2	79.80	84.10	82.85	84.00	85.90	85.15		83.45				77.00
3	82.90	80.20	83.00	84.05	85.60	86.10		83.45	80.65	86.50	89.80	89.60
4	83.20	84.10	84.00	85.00	85.35	86.60	87.20	79.25	86.20	87.00	86.30	89.80
5	79.10	85.00	84.05	85.30	85.75	87.40	87.60	77.80	87.50	87.05	89.15	87.30
0	78.75	85.00	83.60	85.30	85.50	87.70	87.65	80.85	87.85	86.90	89.30	84.50
7 8	81.45	85.30	84.35	84.90	85.65	87.85	87.65	85.60	88.00	87.50	89.70	83.50
9	83.30 83.55	85.30	84.35	84.45	85.40	87.80	87.75 88.10	86.65	87.05	88.50	89.30	82.6
10	83.55	84.55	84.70	85.50 85.80	85.65	87.55	88.70	85.95	87.40	89.05	89.30	79.80
11	83.60	82.15	84.70	85.95	85.70	87.60	89.15	85.90	87.85	89.15	86.60	85.0
12	80.40	83.90	84.30	85.95	82.70	87.40	89.30	86.25	88.00	89.35		84.5
13	79.90	84.20	84.60	83.35	85.25	87.80	89.50	86.30	88.40	85.00		88.0
14	83.20	84.70	84.60	80.55	86.10	87.85	89.30	86.65	88.30	84.80		85.30
15	83.60			83.80	86.25	87.85	85.00	86.85	85.80	88.40		80.10
16	83.50		84.25	84.80	86.30	87.80	87.00	87.00	83.00	89.25		82.6
17	82.65	84.80	84.20	84.95	86.30 86.65	87.50	88.10	86.95	86.95	89.65	89.85	85.6
18	82.20		84.20	83.70	86.70	88.50	88.50	85.55	87.75	89.70	89.05	85.7
19	80.40		84.40	85.35	86.70	88.75	89.00	85.10	88.35	89.70	89.30	85.8
20	81.55		84.70	86.30	86.60	88.80	89.00	85.25	88.60	89.50	89.55	84.2
21	82.80	84.65	85.40	86.30	85.15	88.90	87.10	86.50	88.70	89.30	89.75	84.70
22	83.35		85.40	85.70	85.85	89.00	84.20	86.85	88.65	89.35	89.75	79.1
23	83.40	83.80	85.00	85.55 85.80	85.90	88.95	85.60	86.95	87.10	89.40		81.5
	83.55	83.50	82.15	84.25	85.85	88.75	86.15	87.00	88.40	89.55	89.45	81.8
25 26		84.35		85.30	80.30	88.75	87.20		87.37	89.55	88.90	81.8
27				84.00	84.30	88.90	87.40	86.55	87.20	89.45	89.95	66.7
28		84.25		84.60	85.10	89.05	83.70	86.95	87.30	89.00	90.10	66.4
29	82.65			85.05		89.10	82.50	87.00	85.50	89.35		66.4
30	84.15			85.30	85.85	88.65	85.55	87.05	84.85	89.35	90.10	73.4
31	84.35		84.25		85.82			83.55		89.45		77.8

### Welland County

W.R. Davison
Humberstone township, con I, lot 15, property of W.R. Davison
Drilled, used
32.5 feet
Limestone
Manually, by tape
Jun.13, 1946
Top of casing 2 feet above land surface Observation Well No. Observer: Location: Type: Depth:

Aquifer: Recording method: Records commenced:

Measuring point:

### Distances of water level from land surface

### 1960

Daţe	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.20	6.30	Apr.20	5.01	Jul.24	8.75	Oct.22	10.05
Feb.20	6.26	May 20	6.45	Aug.20	8.99	Nov.20	11.04
Mar.20	5,73	Jun.20	5.92	Sep.24	10.00	Dec.24	10.99

#### 1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.29	8.01	Apr.22	6.07	Jul.26	7.82	Oct.20	10.95
Feb.23	7.26	May 21	5.11	Aug.20	11.80	Nov.21	9.98
Mar.24	6.20	Jun.25	4.66	Sep.21	10.80	Dec.22	9.10

### 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 2	8.20	Apr.20 May 20 Jun.21	6.60 7.10 6.27	Jul.20 Aug.21 Sep.22	10.95 12.77 13.44	Oct.21 Nov.24 Dec.26	11.80 9.90 9.80

### 1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.20	9.50	Apr.20	5.99	Jul.20	11.40	Oct.20	13.10
Feb.24	8.80	May 20	9.99	Aug.20	8.02	Nov.22	9.20
Mar.24	6.05	Jun.21	11.96	Sep.21	9.90	Dec.20	8.45

## Wellington County

Observation Well No.:

Observer: Location:

47
H. Theaker
City of Guelph, Emma Street, property of Guelph Public Utilities Commission
Drilled, used
152.6 feet
Dolomite

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Airline readings Feb. 4, 1954

## Distances of water level from land surface

## 1960

Date	Peet	Date	Feet	Date	Peet	Date	Feet
Feb.12 Mar.25	63.00 62.00	Apr. 8 May 6 Jun. 8	58.00 54.00 55.00	Jul. 6 Aug. 8 Sep. 2	59.00 60.00 66.00	Oct. 7 Nov. 4 Dec. 2	66.00 67.00 66.00

## 1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.13	68.00	Apr. 6	62.00	Jul. 7	64.00	Oct. 4	64.00
Feb. 9	70.00	May 12	63.00	Aug. 2	62.00	Nov.13	64.00
Mar. 2	68.00	Jun 14	68.00	Sep. 7	64.00	Dec.13	64.00

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3 Feb. 7 Mar. 7	64.00 68.00 67.00	Apr.11 May 2 Jun. 6	63.00 62.00 66.00	Jul. 6 Aug. 8 Sep.19	68.00 65.00 68.00	Oct.17 Dec.13	68.00 65.00

## Wellington County - cont.

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	63.00	Apr.17	61.00	Jul. 5	71.00	Oct. 4	64.00
Jan.25 Mar.14	66.00	May 15 Jun.14	60.00	Aug.16 Sep.23	61.00 68.00	Dec. 9	62.00

## Wellington County

Observation Well No. Observer: Location:

Wellington County

48

H. Theaker
City of Guelph, Metcalfe Street, property of Guelph Public Utilities Commission
Drilled, used
202 feet
Dolomite
Airline readings
Feb. 4, 1954

Type: Depth: Aquifer: Recording method: Records commenced: Measuring point:

Distances of water level from land surface

### 1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb.12 Mar.25		Apr. 8 May 6 Jun. 8	58.00 54.00 55.00	Jul. 6 Aug. 8 Sep. 2	60.00	Oct. 7 Nov. 4 Dec. 2	66.00 67.00 66.00

### 1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.13	68.00	Apr. 6	62.00	Jul. 7	64.00	Oct. 4	64.00
Feb. 9	70.00	May 12	63.00	Aug. 2	62.00	Nov. 8	64.00
Mar. 2	68.00	Jun.14	68.00	Sep. 7	64.00	Dec.13	64.00

## 1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3 Feb. 7	64.00 68.00	Apr.11 May 2	63.00	Jul. 6 Aug. 8	68.00 65.00	Oct.17	68.00
Mar. 7	67.00	Jun. 6	66.00	Sep.19	68.00	Dec.13	65.00

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3 Jan.25	63.00	Apr.17 May 15	61.00	Jul.15 Aug.16	71.00 61.00	Oct. 4	64.00
Mar.14	71.00	Jun.14	61.00	Sep.23	68.00	Dec. 9	62.00

## APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED 1960 to 1963

	Licensed Contractor and Location by	Address			of Well	ls
	County and District		1960			1063
			1900	1961	1962	1963
ALG	OMA DISTRICT			Į.		
	5 5 No	No harm the oil would be			_	_
1.	R.P.Ahearn & G.A. Ahearn	85 Adelaide St. Sault Ste. Marie, Ontario. (Goulais Siver	8	7	8	8
		PO.1963)		ł		
2.	F.V. Bonnin,	9 Stevens St., Sault Ste Marie	4	1	1	0
		Ontario.				
	C.W.Chapman,	Batchawana Bay, Ontario.	17	24	15 26	16
4.	Clearwater Drilling and Supply Company,	Box 1, Nixon Rd., Sault Ste	24	2)	20	12
	111 - 101 1 1 1 1 1 1	Marie, Ontario			1	
5.	Stan Coulter, James A. Grexton,	Echo Bay, Ontario.	1 1	0	3	0
	James A. Grexton, Wm. R. Halcrow,	Bruce Mines, Ontario Bar.River, Ontario	*	1 *	1	0
8.	Bertram H. Hurley,	R.R.1, Echo Bay, Ontario.	0	0	ô	*
9.	Louis H. Knoll,	Richard's Landing, Ontario.	*	*	7	4
	S.M. McClelland,	Echo Bay, Ontario	6	4	10	
	McClelland & Hughson, Charles Parr,	Echo Bay, Ontario 640 Shaeffer Ave,, Sault Ste.	ō	2	*	1 4
12.	Charles Fair,	Marie, Ontario	"	-		1 -
13.	K.Ratajczak,	Box 455, Wawa, Ontario. General Delivery, Sault Ste	*	1	0	0
14,	R.B. Renwick,	General Delivery, Sault Ste	*	-	4	5
15	Norman Scott,	Marie, Ontario 99 Bellevue Ave., Sault Ste.		*	3	3
٠٠.	norman books,	Marie, Ontario			1	
16.	C. Sharp,	R.R. 1, Sault Ste. Marie,	0	*	*	
10	Consular Dallling Co	Ontario	*	16		١.
1/.	Superior Drilling Co.,	35 Indiana Dr., Sault Ste Marie, Ontario		10		
						ĺ
mm 4 44						
BRAN	1			i		1
1.	Ivan Davis,	131 Campbell St., Brantford	5	4	0	0
2.	P.V.K. & Sons Soil	Burford, Ontario.	*	*	*	8
3.	Testing, Joseph Stefan	Princeton Ontario	25	*		
4.	H.C. Traffry & Harold H.	Princeton, Ontario. Scotland, Ontario.	25	*	8	11
	Wood,					
			1	1	1	1
				1	1	ı
BRUC	E					
			_			
1.	Archie Currie,	Dobbinton, Ontario	0	0	:	0
1.	Archie Currie, Hazel M. Preston,	R.R. 1. Wiarton, Ontario		0 1	*	0
1. 2. 3.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario.	0 9	1 * 2	*	:
1. 2. 3. 4.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario.	* 0 9 0	1 * 2 *	:	:
1. 2. 3. 4. 5.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Hepworth, Ontario	9 0 40	1 * 2 * 50	62	:
1. 2. 3. 4. 5.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Hepworth, Ontario Box 62. Wiarton. Ontario	* 0 9 0	1 * 2 *	:	:
1. 2. 3. 4.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Hepworth, Ontario	9 0 40 23	1 * 2 * 50 13	62	:
1. 2. 3. 4. 5. 7. 8.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Hepworth, Ontario Box 62. Wiarton. Ontario	9 0 40 23 28	1 * 2 * 50 13 30	* * * 62 19 46	55 20 36
1. 2. 3. 4. 56. 78. 9.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Hepworth, Ontario Box 62. Wiarton. Ontario	9 0 40 23 28	1 * 2 * 50 13 30	* * * 62 19 46	55 20 36
1. 2. 3. 4. 5. 6. 7. 8. 9.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Hepworth, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario. Wiarton, Ontario.	9 0 40 23 28 21	1 * 2 * 50 13 30	* * * 62 19 46	55 20 36
1. 2. 3. 4. 5. 6. 7. 8. 9.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, ETON T.H. Adams,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Box 62, Wiarton, Ontario Wiarton, Ontario. Wiarton, Ontario.  R.R. 6, Ottawa, Ontario.	9 0 40 23 28	1 * 2 * 50 13 30 19	* * * * 62 19 46 26 *	55 20 36 23
1. 2. 3. 4. 56. 78. 9.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Box 62, Wiarton, Ontario Wiarton, Ontario. Wiarton, Ontario.  R.R. 6, Ottawa, Ontario. 1243 Heron Rd., Ottawa,	9 0 40 23 28 21	1 * 2 * 50 13 30	* * * 62 19 46	* * * 55 20 36 23 * 98
1. 2. 3. 4. 5. 6. 7. 8. 9. CARL	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orwal Wright, ETON T.H. Adams, Capital Water Supply, G.Charbonneau,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Box 62, Wiarton, Ontario Wiarton, Ontario. Wiarton, Ontario.  R.R. 6, Ottawa, Ontario. 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario.	* 0 9 0 40 23 28 21 155 *	1 * 50 13 30 19	* * * 62 19 46 26 26 * 79	* * * 55 20 36 23 * 98
1. 2. 3. 4. 5. 6. 7. 8. 9.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Box 62, Wiarton, Ontario Wiarton, Ontario. Wiarton, Ontario. Wiarton, Ontario.  R.R. 6, Ottawa, Ontario. 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario. 1510 Baseline Hd., Ottawa,	* 0 9 0 40 23 28 21	1 * 50 13 30 19	* * * * 62 19 46 26 *	55 20 36 23
1. 2. 3. 4. 56. 7. 8. 9. CARL 1. 2.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Baseline Nd., Ottawa, Ontario	* 0 9 0 40 23 28 21 155 *	1 * 50 13 30 19	* * * 62 19 46 26	* * * 55 20 36 23 * 98
1. 2. 34. 55. 6. 77. 89. CARL	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Marcel Cossette,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Contario Wiarton, Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Easeline Hd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario.	* 0 9 0 40 23 28 21 15 * 62 53 0	1 2 * 50 13 30 19 * 38 63 28	* * * 62 19 46 26	55 20 36 23 * 98 65 14
1. 2. 3. 4. 56. 7. 8. 9. CARL 1. 2.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Baseline Rd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 60 Marquette St., Eastview,	* 0 9 0 40 23 28 21 15 * 62 53	1 * 2 * 50 13 30 19 19 * 38 63 28	* * * 62 19 46 26	* * * * * * * * * * * * * * * * * * *
1. 2. 3. 4. 5. 6. 7. 8. 9. CARL 1. 2.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Viateur Cossette,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Easeline Hd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 60 Marquette St., Eastview, Ontario.	* 0 9 0 40 23 28 21 15 * 62 53 0 10	1 2 * 50 13 30 19 * 38 63 28	* * * * 62 19 46 26 26 * 79 75 21 7 16	** ** 555 206 23 * 98 655 14
1. 2. 3. 4. 5. 6. 7. 8. 9. CARL 1. 2.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Marcel Cossette,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Baseline Rd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 60 Marquette St., Eastview,	* 0 9 0 40 23 28 21 15 5 62 53 0 10 19	1 2 50 13 30 19 * 38 63 28 * 15	** ** 62 19 46 26 * 79 75 21 7 16 9	** ** 550 236 23 ** 98 655 14 0 4
1. 2. 34. 55. 6. 77. 89. CARL	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Viateur Cossette,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Easeline Hd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 60 Marquette St., Eastview, Ontario 259A Shakespeare St. Ottawa 2, Ontario 103 Sweetland Ave, Ottawa,	* 0 9 0 40 23 28 21 15 * 62 53 0 10	1 2 3 30 19 * 38 63 28 * 15	* * * * 62 19 46 26 26 * 79 75 21 7 16	** ** 555 200 36 23 ** 98 655 14
1. 23. 45. 67. 89. CARL 12. 3. 4. 5. 6.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orwal Wright, Stan & Conseller, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette, Charles Dufresne,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario. Box 185, Chesley, Ontario. Box 262, Wiarton, Ontario. Hepworth, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario. Wiarton, Ontario.  R.R. 6, Ottawa, Ontario. 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario. 1510 Baseline Hd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario. 60 Marquette St., Eastview, Ontario. 259A Shakespeare St. Ottawa 2, Ontario. 103 Sweetland Ave, Ottawa, Ontario.	* 0 9 0 40 23 28 21 15 5 62 53 0 10 19 20	1	** 62 19 46 26 * 79 75 21 7 16 9	** ** 520 36 23 ** 98 65 14 0 4 8
12. 33. 4. 56. 78. 99. CARL 12. 34. 7.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, LH. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Easeline Hd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 60 Marquette St., Eastview, Ontario 259A Shakespeare St. Ottawa 2, Ontario 103 Sweetland Ave, Ottawa,	* 0 9 0 40 23 28 21 15 5 62 53 0 10 19	1	** ** 62 19 46 26 * 79 75 21 7 16 9 9 73	** ** 520 36 23 * 98 65 14 0 4 8 7
1. 23. 45. 67. 89. CARL 12. 3. 4. 5. 6.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orwal Wright, Stan & Conseller, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette, Charles Dufresne,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Baseline Rd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 120 Tabor St., Eastview, Ontario 133 Sweetland Ave, Ottawa, Ontario 103 Sweetland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario. 106 Rue Lavergne, Eastview,	* 0 9 0 40 23 28 21 15 5 62 53 0 10 19 20	1	** 62 19 46 26 * 79 75 21 7 16 9	** ** 520 36 23  *8 65 14 0 4 8 7
12. 34. 56. 78. 89. CARL 12. 34. 5. 6. 7. 8. 9. 0.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette, Charles Dufresne, J.B. Dufresne Co. Ltd., John L. Forget,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Easeline Hd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 00 Marquette St., Eastview, Ontario 103 Sweetland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario 96 Rue Lavergne, Eastview, Ontario.	0 9 0 40 23 28 21 1 5 4 62 53 0 10 19 20 109 0	1	* * * * 62 19 46 26 * 79 75 21 7 16 9 9	** ** 55 200 323 ** 98 655 14 0 4 8 7 87 **
12.33.45.66.78.99. CARL 12. 3.4. 5.66. 7.8. 9. 0. 1.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Dalton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Orval Wright, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wiffred Cossette, Charles Dufresne, J.B. Dufresne Co. Ltd., John L. Forget,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Hepworth, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Contario Box 194, Orleans, Ontario 1510 Baseline Ed., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 120 Tabor St., Eastview, Ontario 159A Shakespeare St. Ottawa Contario 103 Sweetland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario 1056 Rue Lavergne, Eastview, Ontario Cyrville, Box 107, Ontario.	* 0 9 0 40 23 28 21 15 5 6 2 5 3 0 10 19 20 10 9	1	** ** 62 19 46 26 * 79 75 21 7 16 9 9 73 * 4	**************************************
12.33.45.66.788.9 CARL 12. 3.4. 5.66. 7. 8. 9. 0. 1.2.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, LH. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Corval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette, Charles Dufresne, J.B. Dufresne Co. Ltd., John L. Forget, Yvon Giroux, Delmar S. Hueston,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario  R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Easeline Hd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 120 Tabor St., Eastview, Ontario 1259A Shakespeare St. Ottawa 2, Ontario 1014 Maitland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario 96 Rue Lavergne, Eastview, Ontario 96 Rue Lavergne, Eastview, Ontario 96 Rue Lavergne, Eastview, Ontario 18.R. 1, Stittsville, Ontario R.R. 1, Stittsville, Ontario	0 9 0 40 23 28 21 15 4 62 53 0 10 19 20 109 0 9 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1	* * * * 62 19 46 26 * 79 75 21 7 16 9 9	** ** 55206323 *886514 0 487
12.33.455.667.889. CARL 1.2.34.55.66.7.88.99.00.1.2.3.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Ross L. Weirmier, Balton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette, Wilfred Cossette, Charles Dufresne, J.B. Dufresne Co. Ltd., John L. Forget, Yvon Giroux, Delmar S. Hueston, F.E. Johnston Drilling	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Hepworth, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario R.R. 6, Ottawa, Ontario 1243 Heron Rd., Ottawa, Ontario Box 194, Orleans, Ontario 1510 Baseline Rd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 100 Marquette St., Eastview, Ontario 101 Sweetland Ave, Ottawa, Ontario 101 Sweetland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario Cyrville, Box 107, Ontario R.R. 1, Stittsville, Ontario 1340 Bank St., Ottawa Ontario	15 62 53 0 10 109 0 9 33	1	** ** 62 19 46 26 * 79 75 21 7 16 9 9 73 * 4 7 21	**************************************
12.34.55.67.89. CARL 1.2. 3.4.5.6. 7.8.9.0.1.2.3.4.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette, Charles Dufresne, J.B. Dufresne Co. Ltd., John L. Forget, Yvon Giroux, Delmar S. Hueston, P.E. Johnston Drilling Co. Ltd., J,R. Kettles,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Miarton, Ontario Ontario Box 194, Orleans, Ontario 1510 Baseline Hd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 120 Tabor St., Eastview, Ontario 103 Sweetland Ave, Ottawa, Ontario 103 Sweetland Ave, Ottawa, Ontario 1014 Maitland Ave, Ottawa, Ontario 96 Rue Lavergne, Eastview, Ontario 97 Rue Lavergne, Eastview, Ontario 1040 Bank St., Ottawa Ontario R.R. 1, Stittsville, Ontario R.R. 1, Hamsayville, Ontario.	15 * 62 53 0 10 19 20 109 0 9 * 33 14	1	* * * * 62 19 46 26 * 79 75 21 7 16 9 73 * 4 721	**************************************
12.34.55.67.89. CARL 1.2. 3.4.5.6. 7.8.9.0.1.2.3.4.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Ross L. Weirmier, Balton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette, Wilfred Cossette, Charles Dufresne, J.B. Dufresne Co. Ltd., John L. Forget, Yvon Giroux, Delmar S. Hueston, F.E. Johnston Drilling	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Hepworth, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Contario Box 194, Orleans, Ontario 1510 Baseline Rd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 120 Tabor St., Eastview, Ontario 1010 Marquette St., Eastview, Ontario 103 Sweetland Ave, Ottawa, Ontario 1014 Mattland Ave, Ottawa, Ontario 96 Rue Lavergne, Eastview, Ontario 97 Rue Lavergne, Eastview, Ontario 1840 Bank St., Ottawa Ontario R.R. 1, Stittsville, Ontario R.R. 1, Hamsayville, Brittánia Hts	15 * 62 53 0 10 19 20 109 0 9 * 33 14	1	** ** 62 19 46 26 * 79 75 21 7 16 9 9 73 * 4 7 21	**************************************
12.33.45.66.788.9 CARL 12. 3.4. 5.66. 7. 8. 9. 0. 1.2.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Orval Wright,  ETON  T.H. Adams, Capital Water Supply, G.Charbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette, Charles Dufresne, J.B. Dufresne Co. Ltd., John L. Forget, Yvon Giroux, Delmar S. Hueston, P.E. Johnston Drilling Co. Ltd., J,R. Kettles,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Company Wiarton, Ontario Company C	15 * 62 53 0 10 19 20 109 0 9 * 33 114 0 0	1	** ** 62 19 46 26  * 79 75 21 7 16 9 9 73 * 4 721 12 4	** ** *55 200 323 *8 98 655 14 0 4 8 7 87 * 0 411 13 * 0
12.34.55.67.89. CARL 12. 3.4.56.7.89. 0. 1.2.3.4.56.67.89. 0. 1.2.3.4.56.67.89. 0. 1.2.3.4.56.67.89. 0. 1.2.3.4.56.67.89. 0. 1.2.3.4.56.67.89. 0. 1.2.3.4.56.67.	Archie Currie, Hazel M. Preston, Hazel M. Tyson, L.H. Weirmier, Ross L. Weirmier, Delton Wright & Sons, Lloyd & Albert Wright Roy & Stan Wright, Stan & Orval Wright, Stan & Orval Wright, Ocharbonneau, F.R. Cossette, Warcel Cossette, Wilfred Cossette, Wilfred Cossette, Charles Dufresne, J.B. Dufresne Co. Ltd., John L. Forget, Yvon Giroux, Delmar S. Hueston, P.E. Johnston Drilling Co. Ltd., J,R. Kettles, W.J. King,	R.R. 1, Wiarton, Ontario R.R. 1, Mar, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 185, Chesley, Ontario Box 262, Wiarton, Ontario Hepworth, Ontario Box 62, Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Wiarton, Ontario Contario Box 194, Orleans, Ontario 1510 Baseline Rd., Ottawa, Ontario 120 Tabor St., Eastview, Ontario 120 Tabor St., Eastview, Ontario 1010 Marquette St., Eastview, Ontario 103 Sweetland Ave, Ottawa, Ontario 1014 Mattland Ave, Ottawa, Ontario 96 Rue Lavergne, Eastview, Ontario 97 Rue Lavergne, Eastview, Ontario 1840 Bank St., Ottawa Ontario R.R. 1, Stittsville, Ontario R.R. 1, Hamsayville, Brittánia Hts	0 9 0 40 23 28 21 1 5 4 62 53 0 10 109 0 9 4 33 14 6 0	1	* * * * 62 19 46 26 * 79 75 21 7 16 9 73 * 4 721	**************************************

<sup>\*</sup> Not licensed

# APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED, 1960 to 1963

Licensed Contractor and Location by	Address		mber of Constru		
County and District		1960	1961	1962	1963
CARLETON - cont.					
19. M. Meagher,	639 Rowanwood Ave, Ottawa Ontario.	32	34	26	22
20. W.Moloughney,	51 McEwen Ave. Ottawa, Ontario.	41	26	20	8
21. Blair Phillips Drilling	Ottawa 5, Ontario	72	61	43	23
Co. Ltd., 22. Alvin E.I. Quinn, 23. Ben Sparks,	R.R. 3, Metcalfe, Ontario McEwen Ave. Woodruffe,	32	23	:	0
24. F.P. Sparks,	Ontario Stittsville, Ontario	0	17	13	14
25. K. Sparks, 26. W.M.E. Sparks,	South March, Ontario 413 Edgeworth Ave., Ottawa 3,	25	17	4	
27. J.E.Trottier,	Ontario 228 Durocher St., Eastview Ontario	*	0	*	*
COCHRANE					
1. W.P. Dodge,	General Delivery, Cochrane,	*	*	1	*
2. N. Dubeau,	Ontario 313-7th Ave., Box 479,	0	*	*	*
3. Paul Filion,	Cochrane, Ontario Box 182, Moonbeam, Ontario	0	0	1	0
4. Don Groleau Diamond Drilling,	Box 569, Kapuskasing, Ontario	107	82	95	75
5. Lucien Levesque 6. Eugene Longstreet,	Box 226, Cochrane, Ontario Matheson, Ontario	3 2	3	4	6
7. J.B. Longstreet, 8. Melvin Longstreet,	Matheson, Ontario Matheson, Ontario	13	24 5	20	13 0 5 4
9. Thomas Longstreet, 10. D. Noel,	Matheson, Ontario Timmins, Ontario	2	10	7 6	5
11. Eloi Robitaille,	Ramore, Ontario	7	í	ő	ó
DUFFERIN	v.				
1. W.L. Davenport,	26 Amanda St., Orangeville Ontario	*	*	0	0
2. C. Shropshire, 3. Charles Smith,	R.R. 5, Orangeville, Ontario 31 Wellington St., Orangeville	0 24	0 29	2 33	1 22
4. Gerald Tortington,	Ontario R.R. 1, Orangeville, Ontario	*	*		22
ELGIN					
1. Elmo Hoover & Sons, 2. Larry Hoover,	Aylmer, Ontario Aylmer, Ontario	28	16 21	20 6	22 3
3. Charles H. Kent,	Aylmer, Ontario R.R. 2, Vienna, Ontario	*	10	* 8	0
4. W.E. Locker, 5. Louis Marcus, 6. W.L. McBeth,	Wallacetown, Ontario	7	2 6	0	0
7. Charles Norman,	Box 681, Aylmer, Ontario R.R. 1, Corinth, Ontario R.R. 4, Durham, Ontario	6	5 *	4	11
8. Pratt Bros., 9. F.W. Reicheld,	R.R. 4, Durham, Ontario Box 193, Port Stanley, Ontario	0	*	31	*
10. Charles Warren, 11. Alvin Wyatt,	Box 193, Port Stanley, Ontario Sparta, Ontario Springfield, Ontario	8	20	16 2	24 2
ESSEX	,				
1. Michael Abbott, 2. Stewart W. Gilbert,	R.R. 1, Kingsville 1659 Pierre Ave, Windsor,	0	6	<b>*</b> 4	4
3. Earl M. Hernandez, 4. Mauro Hernandez,	Ontario Box 262, Harrow, Ontario Wellington St., Harrow,	13 20	6 28	4 26	13 19
5. Wilford Hernandez,	Ontario Wellington St., Harrow, Ontario	*			5
6. James R. Hicks, 7. S.A. Hutchins,	R.R. 2, Woodslee, Ontario R.R. 2, Amherstburg, Ontario	0	0	0 10	0 16
8. Johnston Bros.,	R.R. 3, Essex, Ontario	5	3 2	4 2	0
9. Harry LeClaire, 10. Lucier Well Drilling,	Comber, Ontario R.R. 1, McGregor, Ontario	30	14	18	26
11. Daniel M. McRae, 12. Carl Smith,	R.R. 3, Essex, Ontario R.R. 2, South Woodslee, Ontario	0	0	0	0
13. James H. Smith,	R.R. 2, Essex, Ontario	6	3	2	3
14. Delbert Sundin, 15. Gerald Sundin,	R.R. 1, Kingsville, Ontario R.R. 1, Kingsville, Ontario	21	26	25	1
16. Leonard Sundin, 17. Austin Wilkinson,	R.R. 1, Kingsville, Ontario R.R. 1, Kingsville, Ontario R.R. 3, Leawington, Ontario	5	1	25 5 3 2	0
18. M.J. Williams,	R.R. 5, Leamington, Ontario	26	28	6	20

<sup>\*</sup> Not licensed

## APPENDIX B -LICENSED BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED, 1960 to 1963

Licensed Contractor and Location by	Address	1		of Wells	
County and District		1960	1961	1962	1963
FRONTENAC					
1. Francis Badour,	Verona. Ontario	*			0
2. George H. Davy,	Verona, Ontario R.R. 4, Kingston, Ontario	1	0	*	*
<ol> <li>W.H. Davy,</li> <li>Eastern Ontario Diamond</li> </ol>	Verona, Ontario Sharbot Lake, Ontario	37	145 28	142	130
Drilling Co.,		100			
<ol> <li>Cecil Goodberry Well Drilling Co. Ltd.,</li> </ol>	196 Indian Rd, Kingston.	160	134	120	111
<ol><li>Jack Knox Well Drilling,</li></ol>	Westbrook, Ontario	82	66	75	57
7. W.G. Miller,	1203 Davison St., Kingston Ontario	0	0	0	
8. Ross C. Wales,	20 Lakeview Ave., Kingston	0	*	18	20
9. Wm. M. Young	Ontario R.R. 4, Kingston Ontario		0	0	
	.,		1		
GREY  1. Abercrombie & Jackson	Clarksburg, Ontario	24	31	38	3
2 M C Rellerby	R.R. 4, Owen Sound, Ontario.	6	2	76	10
3. Durham Drillers, 4. Allan Loucks,	Box 299, Durham, Ontario	28	69 8	76	74
<ol><li>Pratt Brothers,</li></ol>	Chatsworth, Ontario R.R. 4, Durham, Ontario	16	24	13	33
6. Ronald Arthur Titus,	R.R. 4, Durham, Ontario R.R. 1, Hanover, Ontario	0	0	*	*
HALDIMAND					
1. Caughell Bros.,	R.R. 4, Dunnville, Ontario	2	1	2	1
<ol> <li>Cayuga Quarries Limited,</li> <li>Grant Comfort,</li> </ol>	R.R. 4, Cayuga, Ontario R.R. 1, Selkirk, Ontario		0	0	0
4. Earl Culver, 5. Marvin Culver & Son,	R.R. 2, Selkirk, Ontario R.R. 2, Selkirk, Ontario	*	*	15	10
5. Marvin Culver & Son,	R.R. 2, Selkirk, Ontario	0	10 11	ii	*
<ol> <li>G.A. Dennis &amp; Sons,</li> <li>Roy D. Featherstone,</li> </ol>	Erie St. S., Selkirk, Ontario 245 Dumfriem, Caledonia,	4	**	*	5
	Ontario				
<ol> <li>Robert J. Gilbertson,</li> <li>Blake Helka,</li> </ol>	R.R. 4, Cayuga, Ontario John St., Box 543, Hagersville,		10	2 0	2
10. Mandley Drilling Contrac-		ŏ	5 2	*	3
tors Ltd.,	P. P. 1 Caledonia Ontario	2	0	0	
11. Keith McClung, 12. Elgin A. Mitchell,	R.R. 1, Caledonia, Ontario Monson St., Jarvis, Ontario	*	0	1	10
13. Reasor Nauman,	Fisherville, Ontario	*	0	3 5	9
14. E.A. Ricker & Sons,	Fisherville, Ontario	1 *	3	)	0
<ol> <li>George Schweyer,</li> <li>Ivan Smelzer,</li> </ol>	Canboro, Ontario Fisherville, Ontario Main St. N.Jarvis, Ontario	3	1	1	2
17. Elgin Stewart, 18. Howard Stewart,	R.R. 3, Jarvis, Ontario R.R. 3, Jarvis, Ontario	19	20	33	20
19. Douglas Thompson,	161 Gardiner Ave., Dunnville,	*	5	7	3
	Ontario			6	1
20. James P. Wickett,	Box 313, Caldeonia, Ontario	*		0	22
HALIBURTON	n old mark of the				4.0
<ol> <li>Haliburton Drilling Co.,</li> <li>Rabb Diamond Drilling Co</li> </ol>	Box 241, Haliburton, Ontario 88 Spruce St., Cardiff, Ontario	25	13	13	18
Ltd.,	So aprado son, sararri, sinurro		-~		"2
HALTON					
1. Roy P. Core, 2. Frederick M. Dennis,	Box 442, Milton, W., Ontario	14			
<ol> <li>Frederick M. Dennis,</li> <li>Benoit Gagne,</li> </ol>	54 Acton Blvd., Acton, Ontario Moffet, Quebec,	2 *	:	5	0
4. Don B. Jacobson,	175 Main St., N.Georgetown,	5	1		
	Ontario			_	-
<ol> <li>James E. O'Rourke,</li> <li>Burton Ruttan,</li> </ol>	R.R. 1, Limehouse, Ontario R.R. 2, Milton, Ontario	24 50	30 55	48	31 63
<ol><li>J.Calvin Sprowl,</li></ol>	H.R. 4, Acton, Ontario	0	55	*	
8. John R. Sprowl,	R.R. 4, Acton, Ontario	45	35	38	41
HASTINGS					
1. Mansel Donaldson,	PO Box 40, Poxboro, Ontario	*	*	37	56 66
2. Thomas & Mansel Donaldson	ontario Belleville,	81	83	75	66
3. C.J. Praser Well Drilling		0	102	66	34
4. H.E. Jones & Sons,	R.R. 2, Trenton, Ontario	81 19	110	83 16	72
5. Edward Taylor & Sons,	Madoc, Ontario	1,3	20	10	
HUBON		10			
	Box 486, Wingham, Ontario R.R. 2, Seaforth, Ontario	67	79 85	73	78
1. Gordon L. Davidson,	man, 2, boardron, onvaire	~,	.,,	1 12	1 "
<ol> <li>Gordon L. Davidson,</li> <li>W.D. Hopper &amp; Sons,</li> </ol>		ı			
<ol><li>W.D. Hopper &amp; Sons, KENORA</li></ol>	Kanama Outoni-				
2. W.D. Hopper & Sons,	Kenora, Ontario	٠	•	6	3

\* Not licensed

# APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED, 1960 to 1963

Licensed Contractor and Location by	Address	N	umber o Constr		8
County and District		1960	1961		1963
ENT					
. Jacob Bourdeau,	R.R. 2, Dover Centre, Ontario	2	0	0	0
. Robert M. Campbell,	Main St., Box 1, Morpeth, Ontario	0	8	*	*
. Harold English,	R.R. 4, Blenheim, Ontario	1	4	3	2
. Leonard C. Faubert, . Glen Galbraith,	Paincourt, Ontario	10	6	16	11
J.A. Johnston,	Box 43, Morpeth, Ontario Prairie Siding, Ontario	0	4	4	22
Reginald & Russell Kempt Arthur Lather	R.R. 3, Tilbury, Ontario	17	0	0	0
. R.& V. Lather,	R.R. 3, Tilbury, Ontario R.R. 3, Bothwell, Ontario R.R. 3, Bothwell, Ontario	2	2	5	1
O. Douglas Lecuyer, 1. Orval L'Ecuyer,	234 Inshes Ave., Chatham, Ont. 57 Joseph St., Chatham, Ontario	22	40 18	49 22	26 31
2. W.G. Marsh,	Bothwell, Ontario	2	3	17	11
3. Harold McDonald,	609 Duke St., Wallaceburg,	29	3 35	17 37	30
4. Arthur J. McGaffey, 5. Edwin R. McGaffey,	Oak St., Bothwell, Ontario Box 55, Bothwell, Ontario	0	4	0	*
6. Glen L. McGaffey,	Chestnut St., Bothwell, Ontario	*	#	7	1
7. Roy McGaffey, 8. Sidney W. Merritt,	Bothwell, Ontario R.R. 1. Smithville. Ontario	0 36	4	1	*
9. G. Newham	R.R. 1, Smithville, Ontario R.R. 1, Fletcher, Ontario R.R. 4, Blenheim, Ontario	0	4	2	
D. Russell Pinder, L. Roy Pinsonneault,	R.R. 4, Blenheim, Ontario R.R. 2, Thamesville, Ontario	*	0	1 31	0
2. Don Rice,	Chatham, Ontario	*	0	*	0
George Rice.	D D 4 D7 A L	17	30 8	12	43 0 15 11
4. Earl Rumble, 5. Don C. Simpson,	R.R. 5, Dresden. Ontario	3	*	6 20	20
5. Don C. Simpson, 5. R.W. Simpson,	R.R. 2, Dresden, Ontario	37	46	45	35
7. J.E. Smith, 3. S.H. Smith.	R.B. 1, Fletcher, Ontario R.B. 5, Blenheim, Ontario R.B. 5, Dresden, Ontario R.B. 2, Dresden, Ontario R.B. 3, Dresden, Ontario R.B. 1, Fletcher, Ontario R.B. 1, Fletcher, Ontario R.B. 5, Wallaceburg, Ontario Northweed R.B. 2 Outario	0	7	0	35 0 *
8. S.H. Smith, 9. Cecil Travis,	R.R. 1, Fletcher, Ontario	0	0	0	0
D. D.W.Wade, L. R.B.Webster,	R.R. 5, Wallaceburg, Ontario Northwood, R.R. 2, Ontario	34	32	35	43
2. S. Zimmer,	17 Jeffery St., Chatham, Ontario		5	. 0	0
AMBTON					
. Harold A. Brandon,	R.R. 3, Oil Springs, Ontario	15	4		0
. Marvin S. Bullock, . John Chrysler,	Wilkesport, Ontario Wilkesport, Ontario	- 長	0	0	0 1 1
V.Conlon,	R.R. 1, Port Lambton, Ontario	2	12	9	15
Don A. Douglas, A.A. Heal,	R.R. 1, Courtright, Ontario Box 264, Watford, Ontario	70	74	60	3
E.B. Hussey,	447 King St., Petrolia, Ontario	2	21	28	15 72 27 8
G.G. Hussey,	447 King St., Petrolia, Ontario Box 304, Petrolia, Ontario	0	3	26	8
. F.W. Jackson, D. Oscar Kimball,	Brights Grove, Ontario R.R. 2, Oil Springs, Ontario	25	3 43 6 4	26	50
1. Wm. King,	Brigden, Ontario	0	4	3	*
2. Roy Marsh, 3. Edward Morningstar,	R.R. 1, Wilkesport, Ontario Oil Springs. Ontario	0	3	0 *	10
4. Herbert Morningstar,	Oil Springs, Ontario Oil Springs, Ontario	*	2	0	*
5. Lyle Rawson, 6. Frank Rendle,	H.H. 3, Petrolia, Ontario	15	14	22	19
9. C.R. Thrower, 8. M.E. Ward,	R.R. 3, Petrolia, Ontario Box 165, Forest, Ontario R.R. 3, Watford, Ontario R.R. 4, Watford, Ontario	3	0	1	10
3. M.E. Ward, 3. C.Webster,	H.R. 4, Watford, Ontario Box 369, Petrolia, Ontario	0	0	10	0
	now half regionized emporing	*	"	10	5
ANARK . W.C. Coleman	Box 64, R.R. 2, Carleton Place,	13	4	5	3
	Ontario		1		
. W.V. Nugent, . Austin Stanton,	Lanark, Ontario Pakenham, Ontario	34	30	48 18	34 28
Thompson Bros.	R.R. 3, Lanark, Ontario R.R. 2, Clayton, Ontario	37 34	28	45	48
D.J. Wark, G.D.Willits,	R.R. 2, Clayton, Ontario 41 McGill St.North, Smith Falls	46	*	0	0
	Ontario			-	
NITED COUNTIES OF LEEDS & RENVILLE					
EEDS	D.D. 1 Tellery Control	Jun	20	00	1.0
. H.L. Davis, . T.L. Davis,	R.R. 1, Jellyby, Ontario Jellyby, Ontario	15	36 8	28	40
The Dutch Store Ltd	215 King St. W., Brockville,	*	10	13	3
Carl Jones,	Ontario R.R. 1, Lyndhurst, Ontario	*	*	*	.45
Raymond Kenny,	Box 37, Lyndhurst, Ontario	23	28	21	.45 0 #
. F.J. McCarthy.	R.R. 2, Addison, Ontario Newboro, Ontario	0 56	50	59	52
F.J. McCarthy, R.H. Miller, Alexander E. Morrison,	150 Brock St., Brockville, Ont.		50 64	49	52 61
. Alexander E. Morrison,	R.R. 1, Eastons Corners, Ont.	0	*	*	*
O. C.V. Morrison,	Frankville, Ontario R.R. 2, Athens, Ontario	98	92 25 *	7	57
1. Gerald Morrison,					

<sup>\*</sup> Not licensed

## APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED, 1960 to 1963

Licensed Contractor and Location by	Address		Constru	f Wells	
County and District		1960	1961	1962	1963
RENVILLE	D. D. J. Committee Control	*		1 1	١.
. Byron Campbell, . W.H. Davis.	R.R. 1, Grenville, Ontario R.R. 3. N. Augusta. Ontario		0	4	4
2. W.H. Davis, 3. N.H. Lackie,	R.R. 3, N. Augusta, Ontario Burritts, Rapids, Ontario	20	18	16	20
4. A.E. Morrison,	R.R. 1, Eastons Corners, Ontario		0	8	18
5. Harry Rathwell,	R.R. 2, Merrickville, Ontario	10	5 .	8	2
6. B.R. Skull, 7. B.E. Sparks,	Eastons Corners, Ontario R.R. 1, Kemptville, Ontario	0	\$	8	ī
LENNOX & ADDINGTON				٠.	
1. L. Campbell,	R.R. 1, Newburgh, Ontario c/o G. Delivery, Chelmsford,	32	42	42	36
2. P.C. Castonguay,	c/o G. Delivery, Chelmsford, Ontario		0	*	*
3. G.H. Chalk, Jr.,	R.R. 6, Napanee, Ontario	103	146	98	88
4. G.S. Chalk Sr., 5. C.L. Lavalee,	Box 435, Napanee, Ontario Chelmsford, Ontario	28	32 11	27	16
5. L.C. Lavallee,	Chelmsford, Ontario	35	43 *	20	*
7. T.A. Richmond, 8. E.H. Sleeth,	Roblin, Ontario R.R. 4, Napanee, Ontario	35		4	23
9. D. & P. Stone, 10. Ross C. Wales.	R.R. 4, Napanee, Ontario R.R. 3, Napanee, Ontario R.R. 1, Napanee, Ontario	*	14		23
	n.n. 1, Mapanee, Untario		14		
LINCOLN 1. W.L. Field,	R.R. 1, Vineland, Ontario	19	12	14	19
2. W.A. Lounsbury & Sons,	30 Dunlop Dr., St.Catherines,	35	44	31	40
3. Frank Merritt,	Ontario R.R. 1, Smithville, Ontario	23	48	40	59
4. Sidney W. Merritt,	R.R. 1. Smithville. Ontario	23	25	32	52 31
5. Wesley Packham, 6. Steeves Well Drilling,	R.R. 1, Smithville, Ontario c/o Trudeau & Fils Ltee,	67	81	95	87
	Box 10, St. Anne De Bellevue, Quebec.		P 3		
MANITOULIN		1.8	E P		
<ol> <li>Orval Brockelbank,</li> <li>Donald Wright,</li> </ol>	Gore Bay, Ontario Manitowaning, Ontario	0 21	14	24	22
			100		22
MIDDLESEX 1. Irwin Corrothers,	R.R. 3, Kerrwood, Ontario			0	0
	R.R. 2, Wilton Grove, Ontario R.R. 1, Kerrwood, Ontario	34	33	41	43
4. Ronald Dolphin & Tom Earl.	H.H. 1, Kerrwood, Ontario Strathroy, Ontario	41	28	31	41
2. wm. Dale, 3. Demaray & Nichols, 4. Ronald Dolphin & Tom Earl, 5. Kenneth Earl,	Simpson St., Glencoe, Ontario	- #		0 .	. 0
O. Sydney Carl,	Kerrwood, Ontario Victoria St., Glencoe, Ontario 12 Maitland, London, Ontario	17	.2	23	34
7. Gilbert Evans, 8. International Water Supply Ltd.,	12 Maitland, London, Ontario	237	160	313	166
9. James B. Johnston,	786 Little Hill St., London,	7	8 .	6	4
10. Mervin Jones,	Ontario R.H. 3, Thorndale, Ontario		.10	14	. 22
11. Kimberley Well Drilling	86 Rollingwood Circle, London,			6	
Co. Ltd., 12. I.T. Lounsbury,	Ontario 35 Woodward Ave., London,	15	23	10	- 19
13. A.S. McAlpine,	Ontario	0	0	0.	. 0
14. Wellington Newport,	Walkers, Ontario R.R. 1, Wardsville, Ontario	0	-2		
15. John Palenkas, 16. Roger B. Samson,	Thorndale, Ontario 181 St. George, London, Ontario	0	. 0 .		
17. H.T. Seigrist,	R.R. 5, London, Ontario	18	11	6	13
18. Wm, J. Siddall, 19. Ron Smith	Glencoe, Ontario R.R. 3, Denfield, Ontario	27	33	28	41
20. H. Thompson,	282 Sanders, London, Ontario	*	33	0	
21. Water Resources, 22. Robert A. Willits,	Box 32, Wardsville, Ontario William St., Box 32,	.0	12	8	2
23. Nick Wiwcharuk,	William St., Box 32, Wardsville, Ontario	0	0		
	405 Pall-Mall St., London, Ontario	, w. ,			
MUSKOKA 1. Allard Brothers,	Box 1427, Huntsville, Ontario			29	28
2. Collins Well Drilling,	52 King St., Huntsville, Ont. PO. Box 592, Huntsville, Ont.	*.	26	. 29 8	1
3. F.C. Hammond, 4. Kimberley Well Drilling, Co.	PO. Box 592, Huntsville, Ont. Box 899 Gravenhurst, Ontario	56	. 0	78	78
Ltd.			3	: '	
NIPISSING			×	H <sub>art</sub> de	
<ol> <li>Simon Bradley,</li> </ol>	R.R. 1, Sturgeon Falls, Ontario		40	49	41
2. W.C. Brochu & Co. Ltd., 3. Canadian Longyear Ltd.,	North Bay, Ontario Drawer 330, North Bay, Ontario	7	13	11	43 8
4. Gateway Well Drilling,	1212 Beattie, North Bay, Ontario	31	40	38	42
5. Inspiration Mining &	North Bay, Ontario	0	6	21	1
Development Co., 6. J.& J. Well Drilling,	R.R. 2, North Bay, Ontario	0	18		
7. Jutras Const. & Diamond	Box 322, North Bay. Ontario	ŏ,	15		
Drilling Co. Ltd. 8. J.L. Pilon Ltd.,	Box 626, North Bay, Ontario	0	5	0	
9. Joe Sabourin,	Verner, Ontario	*	ő.	•	
	* Not licensed	1	*	18	» ·
					*

# APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED, 1960 to 1963

County and District		1960 to 1965				
NORPCIK   1. M. A. Belore,   Courtland, Onterio   19   11   11   0   0   0   0   0   0   0	and Location by	Address				
1. W. A. Belore, Vincent Chatterson, B. R. 2, Courtland, Ontario 3 9 4 9 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 0 0 1	County and Discrict		1960	1961	1962	1963
R. S. B. McMcDrie,   S. Blacoe, Ontario   1	1. W. A. Belore, 2. Vincent Chatterson, 3. G.W. Goodfellow, 4. L.Hodgson & Sons	R.R. 2, Courtland, Ontario Vittoria, Ontario R.R. 1, Walsingham, Ontario R.R. 1, Vittoria, Ontario 159 First Ave., Simcoe,	3 * 0 20	9 0 2 29	4 0 14	0 15 37
NORTHUMBERLAND  1. J. Balley,  2. Noah Gilbert, 3. John Montgomery, 4. H. Reycraft & M. Day, 5. Reycraft & Lloyd, 6. Howard Stewart, 7. Borden H. Summers, 8. Broder Summers, 9. Srine Summers, 10. J.W. Summers, 11. Robert Walsh, 12. W. B. Goodwin, 13. Boward Ford, 14. L. & G. Hoskin, 15. Burtlend, 16. Howard Stewart, 17. Regress of the state	8. R.McKenzle, 9. Ryerse Repair Shop, 10. Carl Strome, 11. Ray Swayze, 12. Ted Van Kessel,	R.R. 5, Simcoe, Ontario Vittoria, Ontario 15 Potts Rd., Simcoe, Ontario Box 45, Langton, Ontario R.R. 5, Simcoe, Ontario 179 Sherman St., Simcoe,	4 0 9 29	12 * 6 26	17 * 12 26	21 * 14 22
John Montgomery,	NORTHUMBERLAND 1. J. Bailey,	Ontario				
Ontario  6. Howard Stewart, 7. Borden H. Summers, 8. Broder Summers, 9. Ernle Summers, 10. J.W. Summers, 11. Robert Walsh, 12. W.B. Goodwin, 13. M. Burnell, 14. L.& G. Hoskin, 15. D.H. Walsh, 16. Harry C. Treffry & Harold H. 18. Barryell & Swanitski, 18. Border Haskeil, 18. Border Malek, 18. R. J. Soutland, Ontario 18. Bry Soutland, Ontario 19. R. Harry C. Treffry & Harold H. 19. Burwell & Swanitski, 21. Burwell & Swanitski, 22. W. M. Bordond, 23. R. Halloond, 24. S. DeGroat, 25. Bert Haskeil, 26. Gouter Holzheu, 77. K. McLeod, 28. National Pump & Water Supply 29. Oxford Water Supply 20. Joseph Stefan, 21. J.P. Yos, 21. J.P. Yos, 21. J.P. Wos, 21. J.P. Wos, 21. J.P. Wos, 21. J.P. Wos, 22. M. S. DeGroat, 23. Tillsonburg, Ontario 24. J. J. Burton, 25. Bramston, 26. Summers, 27. Summers, 28. Darkell, 39. Oxford Water Supply 30. Oxford Water Supply 31. Gorden Marren, 32. J.P. Wos, 33. Trent River, Ontario 34. M. Bernell & Swanitski, 35. Howard Cole, 36. R. Harry C. Treffry & Harold H. 37. Hillsonburg, Ontario 38. W. Burton, 38. R. L. Summers, 39. Contario 30.	<ol><li>John Montgomery,</li></ol>	Meyersburg, PO, Ontario 74 Centre St., Campbellford,	*		2	6
7. Borden H. Summers,		74 Centre St., Campbellford, Ontario				
DURHAM  1. Gerald B. Fulton  2. W.B. Goodwin,  3. R.Halford,  4. L.& G. Hoskin,  5. D.H. Walsh,  CAKLAND  1. Harry C. Treffry & Harold H.,  W.L. Burwell,  2. Burwell & Evanitski,  3. Howard Cole,  4. S. DeGroat,  5. Bert Haskell,  6. Gunter Holzheu,  7. K. McLeod,  8. National Fump & Water Supply  9. Oxford Water Supply,  10. Joseph Stefan,  11. Neil Steinman & Baird,  12. J.P. Vos,  13. Gorden Warren,  13. J.H. Weaver & Son,  PEEL  1. N.D. Barnhardt,  2. J.J. Burton,  8. R.R. 2, Sampton, Ontario  8. R.R. 2, Brampton,  9. Viewer McSuney,  9. W. Burton,  14. J.H. Weaver & Son,  PEEL  1. N.D. Barnhardt,  2. J. J. Sampton,  8. R.R. 2, Sampton, Ontario  9. R.R. 3, Slilsonburg,  10. Joseph Stefan,  11. N. Burwell,  12. J. J. Sampton,  13. Gorden Warren,  14. J. H. Weaver & Son,  15. R.R. 2, Embro, Ontario  16. R.R. 2, Empro, Ontario  17. R.R. 3, Slilsonburg,  18. R. 4. Tillsonburg,  19. Viewer,  10. R.R. 1, Bright, Ontario  10. Viewer,  10. R.R. 1, Bright, Ontario  12. W. S. DeGroat,  13. Conden Warren,  14. J.H. Weaver & Son,  15. R.R. 1, Bright, Ontario  16. R.R. 2, Embro, Ontario  17. R.R. 2, Embro, Ontario  18. R.R. 2, Brampton,  19. Viewer,  10. R.R. 3, Slotton, Ontario  10. Viewer,  10. R.R. 3, Slotton, Ontario  10. R.R. 3, Slotton, Ontario  10. R.R. 3, Slotton,  10. R.R. 3, Slotton, Ontario  11. N.D. Barnhardt,  12. J.L. Burton,  13. R.R. 1, Bright, Ontario  14. W.E.Core,  15. R. Dick,  16. R.R. 1, Bright, Ontario  17. R.R. 1, Bright, Ontario  18. R.R. 2, Embro, Ontario  19. W. Burton,  10. Steve Wocauley,  10. Ontario  10. Steve Wocauley,  11. I. Inglewood, Ontario  12. J. None Road, Ontario  13. S. S. Rice,  13. S. S. Rice,  14. J. Inglewood, Ontario  15. R. D. S. S. Rice,  15. Porton R.R. 1, Inglew	7. Borden H. Summers,	Percy St., Box 103, Colbourne,	0	0	*	*
1. Gerald B. Fulton 2. W.B. Goodwin, 3. R.Halford, 4. L.& G. Hoskin, 5. D.H. Walsh, 6. D.H. Walsh, 7. D.H. Walsh, 7. D.H. Walsh, 8. R. J. Burketon, Ontario 9. R.R. J. Hurketon, Ontario 10. AkLAND 11. Harry C. Treffry & Harold H. Wood, 12. W.L. Burwell, 12. Burwell & Evanitski, 13. Howard Cole, 14. S. DeGroat, 15. Bert Haskell, 16. Gunter Holzheu, 17. K. McLeod, 18. National Pump & Water Supply 10. Valored Water Supply, 11. Neil Steinman & Baird, 11. Neil Steinman & Baird, 11. Neil Steinman & Baird, 12. J.P. Vos, 13. Gorden Warren, 14. J.H. Weaver & Son,  PEEL 1. N.D. Barnhardt, 2. J. L. Burton, 3. W. Burton, 4. W.E. Core, 5. R. Dick, 6. Henry Horan, 7. E.E. Jacobson, 8. Harry Lagendyk, 9. E.E. Longstreet, 10. Stee Walcantee, 11. Steinman, 12. Howard Cole, 13. Conden, 14. J. S. Deston, 15. Bert Language College (College) 16. R.R. 2. Brampton, Ontario 17. Steel College (College) 18. R. 2. Brampton, Ontario 19. Contario 19. Ontario 10. J. Bernhardt, 20. J. Bernhardt, 21. J. Brampton, 22. Brampton, Ontario 23. W. Burton, 24. R.R. 2. Brampton, 25. R. Dick, 26. Henry Horan, 27. E.E. Jacobson, 28. Harry Lagendyk, 99. E.E. Longstreet, 10. Steew McCauley, 11. C. McClure, 12. K. McClure, 13. Steeteville, 14. J. R.R. 1, Inglewood, Ontario 15. R.R. 1, Inglewood, Ontario 16. R.R. 1, Inglewood, Ontario 17. R.R. 1, Inglewood, Ontario 18. Harry Lagendyk, 19. C. McClure, 11. K. Harry Lagendyk, 19. E.E. Longstreet, 10. Steew McCauley, 11. C. McClure, 12. K. McClure, 13. Steeteville, 14. Ontario 15. R.R. 1, Inglewood, Ontario 15. R.R. 1, Inglewood, Ontario 16. R.R. 1, Inglewood, Ontario 17. Martin Steems Steed (College) 18. All Districts of the Steems Steed (College) 18. All Dark Steems Steed (College) 19. Contario College (College) 19. Contario College (College) 19. Col	9. Ernie Summers, 10. J.W. Summers,	Box 33, Trent River, Ontario Box 33, Trent River, Ontario Box 231, Colbourne, Ontario R.R. 2, Campbellford, Ontario	- 10	9	23	*
3. R.Halford, 4. L.& G. Hoskin, 5. D.H. Walsh, 0AKLAND 1. Harry C. Treffry & Harold H. Wood, 0XFORD 1. W.L. Burwell, 2. Burwell & Evanitski, 3. Howard Cole, 4. S. DeGroat, 6. Gunter Holzheu, 7. K. McLeod, 8. National Pump & Water Supply 9. Oxford Water Supply, 10. Joseph Stefan, 11. Neil Steinman & Baird, 12. J.P. Vos, 13. Gorden Warren, 13. Gorden Warren, 14. J.H. Weaver & Son, 15. Burton, 16. J.H. Weaver & Son, 17. R.R. 1, Enrichton, Ontario 18. R.R. 2, Enampton, Ontario 19. Viewen, R.R. 1, Fillsonburg, 19. Viewen, R.R. 3, Tillsonburg, 19. Viewen, R.R. 3, Tillsonburg, 19. Oxford Water Supply, 10. Joseph Stefan, 11. Neil Steinman & Baird, 12. J.P. Vos, 13. Gorden Warren, 19. Over Marter, 19. Oxford Water Supply 10. Joseph Stefan, 11. Neil Steinman & Baird, 12. J.P. Vos, 13. Gorden Warren, 19. Vos, 10. Hording Water 19.	1. Gerald B. Fulton	Group 2, Box 14, Bowmanville,				
OAKLAND 1. Harry C. Treffry & Harold E. Wood,  OXPORD 1. W.L. Burwell, 2. Burwell & Evanitski, 3. Howard Cole, 4. S. DeGroat, 5. Bert Haskell, 6. Gunter Holzheu, 7. K. McLeod, 8. National Pump & Water Supply, 10. Joseph Stefan, 11. Neil Steinman & Baird, 12. J.P. Vos, 13. Gorden Warren, 14. J.H. Weaver & Son, 15. Barnhardt, 2. J. L. Burton, 2. Surton, 3. Hearry Lagendyk, 4. S. DeCroat, 6. R. R. J. Tillsonburg, Ontario 8. R. J. Finceton, Ontario 9. Oxford Water Supply, 10. Joseph Stefan, 11. Neil Steinman & Baird, 12. J.P. Vos, 13. Gorden Warren, 14. J.H. Weaver & Son, 15. R. J. S. Tillsonburg, 15. R. Dick, 16. Henry Horan, 17. R. R. J. Brampton, Ontario 18. R. J. Brampton, 19. Steve McCauley, 10. Steve McCauley, 11. C. McClure, 12. K. McClure, 13. Streetsville, 14. J. R. L. J. J. L. Streetsville, 15. R. J.	4. L.& G. Hoskin,	R.R. 2, Port Hope, Ontario R.R. 1, Burketon, Ontario 225 Walton St., Port Hope,	0	31	22	34
1. W.L. Burwell, 2. Burwell & Evenitski, 3. Howard Cole, 4. S. DeGroat, 5. Bert Haskel, 6. Gunter Holzheu, 7. K. McLeod, 8. National Pump & Water Supply 9. Oxford Water Supply, 10. Joseph Stefan, 11. Neil Steinman & Baird, 12. J.P. Vos, 13. Gorden Warren, 14. J.H. Weaver & Son, 15. Bert haskel, 16. Gunter Holzheu, 9. Oxford Water Supply, 10. Joseph Stefan, 11. Neil Steinman & Baird, 12. J.P. Vos, 13. Gorden Warren, 14. J.H. Weaver & Son, 15. Bright, Ontario 15. * 34 * * * 22 14 8. R.B. 4, Tillsonburg, Ontario	1. Harry C. Treffry & Harold H.	0	*	0	*	*
PEEL   1. N.D. Barnhardt,   2. J.L. Burton,   57 Royce Ave., Brampton,   2   0   0   0   0   0   0   0   0   0	1. W.L. Burwell, 2. Burwell & Evanitski, 3. Howard Cole, 4. S. DeGroat, 5. Bert Haskell, 6. Gunter Holzheu, 7. K. McLeod, 8. National Pump & Water Supply 9. Oxford Water Supply, 10. Joseph Stefan, 11. Neil Steinman & Baird, 12. J.P. Vos, 13. Gorden Warren, 14. J.H. Weaver & Son,	H.H. 4, Tillsonburg, Ontario R.R. 3, Tillsonburg, Ontario R.R. 3, Tillsonburg, Ontario Bright, Ontario R.R. 3, Tillsonburg, Ontario R.R. 2, Ingersoll, Ontario 56 Kensington, Woodstock, Ontario 516 Princess, Woodstock, Ontario R.R. 1, Princeton, Ontario R.R. 1, Bright, Ontario R.R. 2, Embro, Ontario 99 Vienna, Rd., Tillsonburg, Ontario 312 Tillson Ave., Tillsonburg,	** 112 ** 44 ** 28 ** 68	* 0 * * 51 2 * 31 34 64	46 14 4 27 49 69	* 22 0 * 0 0 6 * 24 55 * 31
3. W. Burton, 4. W.E. Core, 161 Queen St.E., Brampton, 101 15 23 19 Ontario 5. R. Dick, 6. Henry Horan, 7. E.E. Jacobson, 8. Harry Lagendyk, 9. E.E. Longstreet, 10. Steve McGauley, 11. C. McClure, 12. K. McClure, 13. S. S. Rice, 161 Queen St.E., Brampton, 14 15 23 19 Ontario 8. Harmy Horan, 15 2 Athlone Rd., Bramalea, 8 0 * 8 Erampton, Ontario 10 * 8 * 8 * 9 E.E. Longstreet, 10 Steve McGauley, 11. C. McClure, 12. K. McClure, 13. S. S. Rice, 10 * 11	1. N.D. Barnhardt,	R.R. 2, Brampton, Ontario 57 Royce Ave., Brampton,	2	0		
5. R. Dick, 6. Henry Horan, 2 Athlone Ed., Bramalea, 7. E.E. Jacobson, 8. Harry Lagendyk, 9. E.E. Longstreet, 10. Steve McGauley, 11. C. McClure, 12. K. McClure, 13. S, S. Rice,  8. R.B. 2, Bool ton, Ontario 10. Steve McCauley, 11. C. McClure, 12. K. McClure, 13. S, S. Rice,  8. R.B. 2, Bolton, Ontario 15. Steve McCauley 16. R.R. 1, Inglewood, Ontario 17. Steve McClure, 18. R.R. 1, Inglewood, Ontario 18. Steve McClure, 19. R.R. 1, Inglewood, Ontario 10. Steve McClure, 10. The McClure, 11. C. McClure, 12. K. McClure, 13. S, S. Rice, 14. Streetsville, 15. Steve McClure, 16. R.R. 1, Inglewood, Ontario 17. Steve McClure, 18. S, Streetsville, 19. S S S Rice, 19. S S S Rice, 10. Steve McClure, 10. Steve McClure, 10. Steve McClure, 11. S S S S Rice, 11. S S S S Rice, 12. S S S Rice, 13. S S S S S S S S S S S S S S S S S S S	3. W. Burton, 4. W.E. Core,	R.R. 3, Streetsville, Ontario 161 Queen St.E., Brampton,		15		
7. E.E. Jacobson, Box 103, Brampton, Ontario 0 * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		R.R. 3, Bolton, Ontario 2 Athlone Rd., Bramalea,				
	8. Harry Lagendyk, 9. E.R. Longstreet, 10. Steve McCauley, 11. C. McClure, 12. K. McClure,	Box 103, Brampton, Ontario R.R. 2, Mono Road, Ontario Box 103, Brampton, Ontario Mono Road, Ontario R.R. 1, Inglewood, Ontario R.R. 1, Inglewood, Ontario 27 Mill St., Streetsville,	* 15 8 11	10 13 15	0 3 7 32	0 2 4 4
	14. Peter Spatuck,		*	23	32	30

<sup>\*</sup> Not licensed

# APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED, 1960 to 1963

Licénsed Contractor and Location by	Address	Nı	umber o Constr		
County and District		1960	1961	1962	1963
PERTH 1. C.H. Keeso,	R.R. 1, Listowel, Ontario	27	33	29	44
PETERBORO 1. Russell Elvidge,	813 Cameron St.Peterborough,		0	88	61
2. N.N. Faulkner,	Ontario 687 Water St., Peterborough, Ontario	194	242	253	232
3. Fred J. Fisher,	20 Macville Ave., Bridgeport, Ontario	0	*	*	*
4. Mike Gonta, 5. C.C. Griffith, 6. L.B. Macdonald,	Peterborough, Cntario R.R. 2, Warsaw, Ontario Strickland St., Lakefield, Ontario	11 16	12 22	9	0 10
7. P.R. McNeely, 8. C.V. Morrison, 9. Otomabee Water Wells Ltd, 10. W. Sanderson,	R.R. 1, Lakefield, Ontario Frankville, Ontario	15 * 11 139	12 * * 158	13 72 * 162	11 * * 154
11. S.R. Stockdale Well Drilling	R.R. 2, Peterboro, Ontario	61	48	27	37
UNITED COUNTIES OF PRESCOTT & RUSSELL PRESCOTT 1. M. Belanger,	Chute A. Blondeau, Ontario	*	15	22	17
RUSSELL	,		-2		
<ol> <li>Rolland Bourgeois,</li> <li>Cayer Well Drilling,</li> <li>W.C.Christy,</li> </ol>	St. Albert, Ontario St. Albert, Ontario Vars, PO, Ontario	19 22 13	23 27 10	21 23 15	24 19 10
PRINCE EDWARD 1. L.H. McClennon, 2. H. & R. Rolston,	Wellington, Ontario Main St., Bloomfield,Ontario	62 23	91 35	70 25	71 0
RENPREW  1. Bernard Fillator, 2. Hillyard Giffin, 3. George H. Law, 4. Verner M. Marquardt, 5. Cecil Munroe, 6. Pembroke Well Drilling Service, 7. Kenneth Presley,	Calabogie, Ontario R.R. 1, Matawatchan, Ontario R.R. 2, Calabogie, Ontario Schutt, Ontario Box 361, Pembroke, Ontario Box 512, Pembroke, Ontario Box 810, Arnprior, Ontario	* 0 42 * *	** 18 * 35 39 6	0 28 16 48 72 9	** 14 36 69 0
RAINY RIVER 1. Allan O. Peterson, 2. Merlyn Peterson,	Fort Frances, Ontario R.R. 1, Emo, Ontario	*	:	15 15	21
SIMCOE  1. Clarence Bartley, 2. Alex Cameron, 3. Leslic Cameron, 4. Frank Corner, 5. Merlin Coupland, 6. Terrence Coupland, 7. Coupland Drilling, 8. Haliburton Drilling Co., 9. Henry Hammers, 10. H, Horan, 11. L.J. Howell, 12. Robert Nimmo,	R.R. 3, Collingwood, Ontario R.R. 1, Midhurst, Ontario R.R. Midhurst, Ontario Box 51, Lefroy, Ontario R.R. 2, Barrie, Ontario R.R. 2, Barrie, Ontario R.R. 2, Barrie, Ontario R.R. 3, Barrie, Ontario R.R. 3, Barrie, Ontario Coldwater, Ontario Coldwater, Ontario Ontario	11 25 3 23 14 * 57 0 4	7 28 * 1 * 0 32 * 46 * 6	6 17 * 0 * 15 40 13 56 * 6	7 22 0 0 * 0 33 * 66 * 61
13. Northern Sanitation Co., 14. Dennis Slack, 5. Snider Drilling, 16. W.J. Whan, 17. F. Wright & Son,	21 James St., Orillia, Ontario 80 Essa Rd., Barrie, Ontario Craighurst, Ontario Belle Ewart, Ontario Collingwood, Ontario	0 * * 0	0 * * * 35	0 * * 39	0 22 *
UNITED COUNTIES OF STORMONT, DUNDAS, AND GLENGARRY STORMONT 1. Arsene Bourdon,	20 Fennell Crescent, Cornwell, Ontario	23	26	7	17
<ol> <li>Armand Gauthier,</li> <li>Poliskin Well Drillers,</li> </ol>	Crysler, Ontario 905 Edythe Ave., Cornwall,	35 0	34	35	31
4. Oliver Eanger, 5. Roy & Son Reg'd,	Ontario Moose Creek, Ontario 3260 Johnston Ave., Cornwall, Ontario.	0 35	# 24	* 14	<b>*</b> 20

\* Not licensed

## APPENDIX B - LICENSED -BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED, 1960 to 1963

Licensed Contractor and Location by	Address		Number c		s
County and District		1960	1961	1962	1963
DUNDAS				-	
1. Byron W. Campbell,	Chesterville, Ontario	*	0		0
2. R.H. Casselman,	Williamsburg, Ontario	86	69	83	61
3. Wm. J. Lewis,	Brinston, R.R. 2, Dundas,	2	8	1	0
II Plata Bana	Ontario	*			
4. Elvin Pegg, 5. Ivan Simzer,	R.R. 4, Dundas, Ontario R.R. 1, Mountain, Ontario	45	33	34	26
). Ivan Simzer,	nen. 1, mountain, ontailo	40	))	24	20
GLENGARRY					
<ol> <li>Ferguson Thresher Company,</li> </ol>	Box 16, Maxville, Ontario	15	0	3	3
2. Trudeau & Fils Ltee,	Box 10, Ste Anne De Bellevue,	20			
	Quebec	20			
3. Marland Murray,	Martintown, Ontario	0	*	*	*
SUDBURY					
1. Azilda Drilling,	30 Marier St., Azilda, Ontario	0	*	6	1
2. Roy Campbell	R.R. 2, Chelmsford, Ontario	1	3	0	0
3. Philias C. Castonguay	Gen.Del., Chelmsford, Ontario	0		0	0
4. Champion Water Drilling Co.		*	35 44	39	30
5. L.E. Danis,	13 Armstrong St., Lockerby, Ontario		74	19	16
6. Omer Houle,	Box 43, Noelville, Ontario	*	14	34	0
7. C.L. Lavallee	Chelmsford, Ontario	8	*	0	0
7. C.L. Lavaliee 8. L.C. Lavallee 9. Aurel Quenville,	Chelmsford, Ontario	9	*	9	22
9. Aurel Quenville, 10. Euclid and L. Quenville,	R.R. 3, Sudbury, Ontario 1980 Bancroft Dr., Sudbury,		*	14	17
IV. Davila and D. Quonville,	Ontario			2.7	
11. Rays Drilling & Foundation	Whitefish, Ontario	*	10	28	21
Sounding, Co. 12. Ernest Roy,	Vera St., Sudbury, Ontario	0	*	*	*
13. Joe Sabourin,	Warren, Ontario	ŏ		*	
14. Roland Sabourin,	Warren, Ontario	*	*	*	2
15. Sudbury Diamond Drilling	375 Laforest Ave., Sudbury,	31	*	35	35
16. Raymond A. Wheaton	Ontario Elden Street, Whitefish,	0	*	*	*
17. Worthington Well Drillers	Ontario R.R. 1, Worthington, Ontario	0	0	*	
THUNDER BAY	the Name Combanish of Dane		*	1.	
1. Boyles Bros. Drilling (Eastern) Limited	142 North Cumberland St., Port Arthur, Ontario			4	4
2. Wm. Cochrane & Son,	Front St., Nipigon, Ontario	*	16	*	*
3. DeCruyenaere Diamond	Port Arthur, Ontario	*	*	*	4
Drilling and Supply,	D. D. 2 Part William Outside	*		_	_
4. Lionel Duce, 5. Lake Superior Diamond	R.R. 3, Fort William, Ontario 336 Leslie, Ave., Port Arthur,	*	1 #	48	0 50
Drilling Co. Ltd.	Ontario			40	0.0
Drilling Co. Ltd. 6. Hacquoil Construction Ltd.	Fort William, Ontario R.R. 3, Fort William, Ontario	*	*	*	1
<ol> <li>Joseph E. Maley,</li> </ol>	R.R. 3, Fort William, Ontario	0	3 5 *	3	7
8. L. Morrow, 9. Steeves Well Drilling,	Box 87, Geraldton, Ontario Dorion, Quebec,	*	5	*	2 17
10. Victor Stenlund,	Hurkett, Ontario		*	5	16
11. Joseph Tucker,	Box 184, Longlac, Ontario	4	*	5	9
MINION ANIMA					
TIMISKAMING 1. Theode Blain,	R.R. 1, New Liskeard, Ontario	1	1	1	2
2. Wm. Cochrane & Son,	Queen St., North Cobalt, Ontario	0	*	*	*
3. Thos. J. Demarell,	R.R. 2, Charlton, Ontario R.R. 1, Matawatchan, Ontario	0	0	1	0
4. Hillyard Giffin,	R.R. 1, Matawatchan, Ontario	<b>*</b> 46	*	28	*
5. Groleau Bros. Diamond Drilling Ltd.,	44 Taschereau St., E., Rouyn, Quebec	40			
6. R. Laframboise,	PO, Box 71, Earlton, Ontario	0	0	2	0
7. E.R. Parcher Diamond	34 Nickle St., Cobalt, Ontario	6	2	5	8
Drilling,					
			- 4		
VICTORIA			86	73	141
1. Baldwin Well Drilling,	R.R. 1, Kirkfield, Ontario	62	00		•
<ol> <li>Baldwin Well Drilling,</li> <li>Larry Baldwin,</li> </ol>	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario	*	*	1 GD 1	0
1. Baldwin Well Drilling, 2. Larry Baldwin, 3. Frank Benson.	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario	0	0	0	0
1. Baldwin Well Drilling, 2. Larry Baldwin, 3. Frank Benson, 4. Percy A. Buck	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario R.R. 1, Omemee, Ontario Manilla, Ontario	*	*	0	
1. Baldwin Well Drilling, 2. Larry Baldwin, 3. Frank Benson, 4. Percy A. Buck	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario R.R. 1, Omemee, Ontario Manilla, Ontario	0	0 8	0 0 0 58	0 24
1. Baldwin Well Drilling, 2. Larry Beldwin, 3. Frank Benson, 4. Percy A. Buck 5. Gary Eades, 6. Donald Hart, 7. G. Hart,	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario R.R. 1, Omemee, Ontario Manilla, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario	* 0 * 0 36	* 0 8 * 41 47	0 0 0 58	0 24 * 27 38
1. Baldwin Well Drilling, 2. Larry Baldwin, 3. Frank Benson, 4. Percy A. Buck 5. Gary Eades, 6. Donald Hart, 7. G. Hart, 8. K. Hart,	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario R.R. 1, Omemee, Ontario Manilla, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario	* 0 * 0 36 84	* 0 8 * 41 47 28	0 0 0 58	0 24 * 27 38
1. Baldwin Well Drilling, 2. Larry Beldwin, 3. Frank Benson, 4. Percy A. Buck 5. Gary Eades, 6. Donald Hart, 7. G. Hart,	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario R.R. 1, Omemee, Ontario Manilla, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario 102 Elgin St., Lindsay,	* 0 * 0 36	* 0 8 * 41 47	0	0 24 *
1. Baldwin Well Drilling, 2. Larry Baldwin, 3. Frank Benson, 4. Percy A. Buck 5. Gary Eades, 6. Donald Hart, 7. G. Hart, 8. K. Hart, 9. J.F.Henderson, 10. Elgin King,	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario R.R. 1, Omemee, Ontario Manilla, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario 102 Elgin St., Lindsay, Ontario Little Britain, Ontario	* 0 * 0 36 84	* 0 8 * 41 47 28	0 0 0 58	0 24 * 27 38 5 162
1. Beldwin Well Drilling, 2. Larry Beldwin, 3. Frank Benson, 4. Percy A. Buck 5. Gary Eades, 6. Donald Hart, 7. G. Hart, 8. K. Hart, 9. J.F.Henderson, 10. Elgin King, 11. F.G. Lang,	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario R.R. 1, Omemee, Ontario Manilla, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario 102 Elgin St., Lindsay, Ontario Little Britain, Ontario	* 0 * * 0 36 84 103	* 0 8 * 41 47 28 163	0 0 58 52 37 168	0 24 * 27 38 5 162
1. Baldwin Well Drilling, 2. Larry Baldwin, 3. Frank Benson, 4. Percy A. Buck 5. Gary Eades, 6. Donald Hart, 7. G. Hart, 8. K. Hart, 9. J.F.Henderson, 10. Elgin King,	R.R. 1, Kirkfield, Ontario R.R. 1, Kirkfield, Ontario R.R. 1, Omemee, Ontario Manilla, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario R.R. 1, Fenelon Falls, Ontario OZ Elgin St., Lindsay, Ontario	* 0 * * 0 36 84 103	* 0 8 * 41 47 28 163	0 0 58 52 37 168	0 24 * 27 38 5 162

<sup>\*</sup> Not licensed

# APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED, 1960 to 1963

Licensed Contractor and Location by	Address	lles.	Number of Wells Constructed			
County and District		1960	1961	1962	1963	
WATERLOO 1. Acme Well Drillers, 2. Roy D. Featherstone,	296 Patricia St., Kitchener 145 Brentwood Ave., Kitchener, Ontario	:	•	:	3	
3. Fred J. Fischer,	20 Macville Ave., Bridgeport, Ontario	*	0	0	0	
. Hadco Services Limited, 5. A. Kerber,	Elmira, Ontario 35 King St., N., Waterloo, Ontario	37	100	90	120	
. C.& H. Kerr,	133 Asmus St., New Hamburg, Ontario	32	20	28	0	
. Nelson MacLean, . E. McLaughlin & Sons,	296 Patricia At., Kitchener, Ontario 244 Erb St. W., Waterloo,	40	8 25	0	8	
. Russel I. McLaughlin, O. McLaughlin Well Drilling,	Ontario 236 Erb St., Waterloo, Ontario c/o E. McLaughlin, RR3,		26	3 <u>6</u>	59 6	
1. John Sauder, 2. Walter Schmear,	Waterloo, Ontario Box 5, Crosshill, Ontario 33 Sandra, Kitchener, Ontario	0	6	0	*	
3. G. Schweyer, 4. L.C. Shantz, 5. Felix Straus,	Fisherville, Ontario R.R. 1, Freston, Ontario St. Clements, Ontario	0 31 *	22	37	37 0	
ELLAND . Orley Culver, . M. Deshales.	Stevensville, Ontario R.B. 1, Wainfleet, Ontario	0	* ?	*	*	
. James Drilling Ltd., . L. Hallborg,	Welland, Ontario R.R. 1, Port Colbourne, Ontario	18		*	0	
. R.L. Schooley, . J.W. Summers, . Walter Winger,	Welland, Ontario  R.R. 1, Port Colbourne, Ontario R.R. 3, Port Colbourne, Ontario Box 231, Colborne, Ontario 209 Emerick Ave., Fort Erie, Ontario	28	37 26 22	35 * 16	35 * 16	
ELLINGTON David G. Anger John Cudney & Son,	Harriston, Ontario Washington St., Salem, Ontario		<b>*</b> 20	* 19	0 25	
H.H. Gadke, J.L. Graham, Charles Hill, Edwin A. Keeso, Ladco Drilling,	H.R. 1, Clifford, Ontario R.R. 3, Guelph, Ontario R.R. 2, Elora, Ontario Clifford, Box 43, Ontario	0 56	34	86	85	
. Charles Hill, . Edwin A. Keeso,	R.R. 2, Elora, Ontario Clifford, Box 43, Ontario	0 25	74 52 26	46 27 24	51 25	
John E. Murray, Earl Sauder,	R.R. 1, Hillsburgh, Ontario Bor 54, Moorefield, Ontario R.R. 1, Wallenstein, Ontario R.R. 1, Wallenstein, Ontario	0 0	0	0	47 0	
0. John Sauder, 1. J.C. Ivin Sprowl,	137 Henriela, St., Guelph,	0	* 35	0	<b>4</b> 1	
2. Water Well Drilling,	Ontario c/o Gadke, Clifford, Ontario	*	*	35	26	
ENTWORTH . Allard Bros,	208 Grosvenor Ave., Hamilton, Ontario	19	25	*	*	
2. James A. Anderson, 3. David B. Ashbaugh,	Preelton, Ontario Glanford Station, Ontario 239 Rosemary Lane, Ancaster, Ont 137 Corman Ave., Stoney Creek,	0	0	0	4	
. S.J. Atkinson, 5. Howard W. Comfort,	239 Rosemary Lane, Ancaster,Ont 137 Corman Ave., Stoney Creek, Ontario	0	3	5	6	
6. Ernest Constable, 7. Cross Bros., 8. Edward Doyle,	H.R. 2, Box 33, Hannon, Ontario Ryckmen's Corners, Ontario 981 Upper James St., Hamilton, Ontario	27 44 0	24 32 *	13 29	15 56	
R. Embleton,	R.R. 3, Hamilton, Ontario 55 Alpine Ave., Hamilton, Ont.	13 30 46	7 45 60	7 35 72	2 42	
1. Frank Ince, 2. Bart O'Connor,	Ryckman's Corners, Ontario 40 Union St., Waterdown, Ontario	21	60 20	72 10	72 10	
3. Elvin Pegg, 4. W.E. Scriven, 5. G.J. Wallis,	R.R. 4, Dundas, Ontario Box 85, R.R. 3, Hannon, Ontario R.R. 5, Hamilton, Ontario	8 33 47	* 27 41	1 23 54	7 18 50	
CORK	D. D. 1. King Cutanta		2	0		
l. John L. Agnew, 2. Babiuk Well Boring, 3. Maurice Babiuk,	R.R. 1, King, Ontario Islington, Ontario 590 Burnhamthorpe, Etobicoke,	0 * 57	3 67 80	86 91	56 91	
. Michael Babiuk,	Ontario 126 Laurel Ave., Islington, Ontario	52	*			
<ol> <li>Wellington Bennett,</li> <li>Joseph Bingham,</li> </ol>	Milliken, Ontario R.R. 2, Stouffville, Ontario	0	0	1	2	
7. Wm. Bishop, 8. F.W. Boadway,	R.R. 1, Gormley, Ontario Sutton West, Ontario	54	78 78	86	86	
9. R.F. Challoner,	15 Johnston Ave., Thornhill, Ontario	7	3	5	ľ	

<sup>\*</sup> Not licensed

## APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS AND NUMBERS OF WELLS CONSTRUCTED, 1960 to 1963

Licensed Contractor and Location by County and District	Address			r of Wei	
County and Dibolico		1960	1961	1962	1963
YORK 10. Fred Constable, 11, R.T. Cook and Associates,	R.R, 2 , Woodbridge, Ontario 62 Richmond St. W., Toronto 1,	24 0	31	27	43 0
12. James Diceman, 13. John F. Ellacott, 14. Bruce H. Findlay,	Ontario Sharon, Ontario Box 92, Thornhill, Ontario 75 Northwood Dr., Willowdale, Ontario	* * 8	* 0 8	11	0 * 4
15. David Fockler, 16. Gordon Fockler, 17. W.F. Gartshore, 18. Frank Gerritts, 19. Gormley Well Drilling, 20. Frank Harrison,	Ringwood, Ontario Ringwood, Ontario R.R. 1, Sharon, Ontario R.R. 2, Aurora, Ontario R.R. 1, Gormley, Ontario 1223 Yonge St., Box 151, Thornhill, Ontario	* 16 13 0 * 6	2 15 22 0 *	21 21 27 22 30 9	16 0 * 31 0
21. Fred Hollingshead, 22. B.Huffman & Sons,	Box 17, Holland Landing, Ontario 494 Lakeshore Rd., Toronto 14,	2	9	0 13	13
23. Blake Hunt,	Ontario 6742 Kingston Rd., Highland Creek, Ontario	7	14	3	5
24. Silas A. Hutchins, 25. Jefferson Drilling Co. 26. Peter Jorritsma, 27. Keswick Well Drilling Co., 28. King City Well Drilling Co. Ltd.,	Box 31, Oakridges, Ontario Box 31, Oakridges, Ontario R.R. 1, Ravenshoe, Ontario Elmhurst Beach, Keswick, Ont. Box 192, King City, Ontario	* 0 0 20 27	16 2 # 13 38	* 0 * 19 68	* * 26 51
29. Andreas G. Knelsen,	Birchill Rd., Pine Grove, Ontario	*	0	*	*
30. Harry Lagendyk, 31. George H. Law, 32. Douglas S. Lougheed, 33. Alton McKnight,	Charlo Pine Grove, Ontario Calabogie, Ontario Box 222, Newmarket, Ontario 63 Nipigon Ave., Willowdale, Ontario	* 40 0	0 26 38	* 50 *	* * 42 0
34. Ontario Well Digging Co.,	Wayne Dr., R.R.1, Newmarket, Ontario	125	127	199	180
35. Provincial Drilling, 36. Reliance Well Drilling, 37. R.B. Renwick, 38. T.W. Renwick, 39. C.M. Rutledge, 40. Rutledge Water Wells, Ltd., 41. Charles E. Snider, 42. Peter Spatuck,	Box 205, Richmond Hill,Ontario Keswick, Ontario Thornhill, Ontario R.R. 2, Gormley, Ontario Nobleton, Ontario	* 0 2 0 36 * 42 11	1 98 * 34 34 *	1 2 * * 37 35 *	4 * * 32 19
43. Albert J. Thomas, 44. Rinus Vardenboom, 45. Tom White, 46. Wilson's Well Drilling	River Glen Dr., Keswick, Ontario Nobleton Ontario R.R. 2, Stouffville, Ontario R.R. 2, Gormley, Ontario	8 * 11 *	9 * 14 *	0 * 17 150	0 0 14 107

<sup>\*</sup> Not licensed

LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	T 22.0	STATIC		USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY Brantford			D. Surmanski	G.J. Warlis	Jan.26,1960	6	10	75	62	Fresh	D	Dug well 60; brown sondy soil 90; sandy grev clay 120; grey clay 152; herdnen running sand 195; blue clay 1993; medium sand 203. Water from 150 to 195 and at 1993.
Brantford			Yardley Nurs-	L.C. Shantz	Jun.28,1960	7	12	26	19	•	In	Topsoil 2; dirty sand 16; sand 44. Water from 20 to 44.
Brantford			Bell City Brands	W. Packham	Aug. 3,1960	6 <del>2</del>	25	40	8	Sulphur		Dug well 20; blue clay 35; limestone 60. Water at 39.
Brantford			Brantford Twp	International Water Supply Ltd.	Aug.17,1960	10	63	100%	32	Fresh	T	Topsoil 2; clay 94; clay fine gravel 95; dolomite 130; limestone 153. Water from 95 to 153.
Brantford			Marwell	E. Longstreet	Sep.28,1960	6	8	78	9	Sulphur	С	Dug well 21; brown clay 74; grey limestone 119. Water at 90.
Brantford			Plastic Co. R. Byard	I. Davis	Mar.20,1961	6	10	150	58	Fresh	D	Stony clay 30; brown sand 70; sandy clay 200; clay gravel 205; gravel 209. Water at 209.
Brantford			D.Gambacort	Hadco Well	May 22,1962	271	6	16	11		D	Topsoil 1; brown sand 17; fine gravel 18. Water at 17.
Brantford Brantford			H. Wintonic	Digging H. Johnson	Jul.17,1963 May 7, 1963	36 36	<u>ц</u>	15 15	10 6		D D	Brown clay 8; grey fine sand 11; blue clay 24. Water at 10. Hard brown clay 6; charse grey sand 14; blue clay 22. Water from 6 to 14.
Brantford			J. Solderelle	*	Dec. 7,1963	36	5	7	6	*	D	Brown sandy clay 6; grey sand 9; grey clay 24. Water at 6.
Brantford Twp. A.E.G.A.J.T.			S.B. Ashby	G. Warren	Jun.20,1962	5	4	88	80	Fresh	۵	Yellow clay loam 3;gravel boulders 60;gravel \$5;yellow sand 90;sand 100. Water from 90 to 100.
A.R.S. C.T. Con I	lot	t D	A. Gabriel F. Volleck A.E. Nunan	F. Ince H. Johnson G. Warren	Jun. 9,1961 Aug.14,1963 Dec. 4,1961	6 36 5	25 4 6	65 27 90	38 23 70		D D D,S	Dug well 35; blue clay 77; grey shale 78. Water at 70. Brown clay 15; blue clay 24; med um coarse sand 36; Vater at 24. Yellow loam 6; gravel 57; grev clay stones 113; grev rock 116.
Con I		4	D. Whiting	•	Jan. 3,1963	5	10	55	45	•	D,S	Water at 116. Boulders fill 8; gravel stones 5°; red sand 68. Water from 5° to 6°.
Con I	•	7	D. McArthur	J. Stefan	Aug. 3,1961	4	5	95	80		D	Dug well 65; send clay 23; hard stony clay 115; dark green rock 120. Water at 114.
Con I		7	H. Berg		Oct.12,1962	4	5	102	98		D,S	Coarse gravel 38; fine gravel P2; hard clay P8; blue clay 125; hard clay 13; shale 136, Water at 134.
On I	•	1?	G. Hayden	G. Warren	Feb.14,1963	5	1,1	115	- 95	#	D,S	Clay boulders 11; brown sand stones 44; pit gravel boulders 71: pit gravel 94; yellow sand 110; grev sand 115. Water from 110 to 115.
Con I	*	12	K. Miller		May 15,1962	5	3	71	53	•	D	Topsoil 5; sand stones 13; sand 15; fine gravel 60; fine sand 71. Water from 60 to 71.
Con I	*	10	E. Hounm	G.J. Wallis	Oct.17,1962	6	20	60	71	*	G	Brown soil stones gravel 41; cemented sand gravel 73; medium sand 90. Water from 73 to 90.
©n I	Ħ	1 9	J. Howard	J. Wickett	Jul. 5,1963	41	10	64	64	) E	D	Gravel 16; brown send 26; gravel 36; brown send 32; send 95.
⊙n I		19	L. Ross	G. Warren	May 24,1962	5	5	52	48	*	D	Gravel boulders 37; fine gravel 43; sand 55; cemented gravel 56; fine gravel 62. Water from 56 to 62.
Con I	*	19	M. Nowitsky	F. Ince	Aug. 9,1963	6	13	250	160		D,S	Brown clay 10;gravel 90;stony clay 210;limestone 250. Water at 230.
Con I	*	21	Seaforth Sewer Tile Co.	Warren Water Wells	Oct. 1,1963	61	13	160	130		In	Boulders gravel 39; brown sand 49; grev silt 53; grev clay stones 104; grev clay 140; pit gravel 150; grey shale gypsum 170. Water at 170.
on I		23	E. Mc Cormick	W. Packham	Nov.19,1963	6	20	110	65		S	Sandy loam 30; sandy clay 70; muddy sand gravel 125; fine muddy sand 132; shale 134. Water at 133.
Con I Con I		28 28	S. Sherred J. Sypas	*	Jul.17,1962 Aug.12,1961	6	4 20	90	37 22	:	D	Dug well 32;soft clay 70;limestone 92. Water at 97. Clay 30;silty clay 93;limestone 110. Water at 107.

	BRANT COUNTY -												gr, g 2 - V4ku x
	Brantford Twp. Con I	lot		G. McLaughlin B. Raylor J. Kowal W. Lindsay	W. Packham F. Ince "" E. Stewart F. Ince Warren Water Wells	Jul.24,1961 Nov.29,1962 May 28,1963 Nov.26,1963 Dec.21,1963 Sep. 2,1963 Aug.24,1963 Oct.16,1963	66665665	20 10 1 12 20 10 12 10	70 70 118 141 120 140 192 60	22 340 50 50 40 45	Fresh Sulphur Fresh	D,S D D S D,S D,S D,S	Loamy clay 20; sandy clay 70; limestone 89. Water at 87. Brown clay 6; blue clay 58; limestone 82. Water at 70. Brown clay 15; blue clay 93; limestone 118. Water at 115. Brown clay 30; blue clay 98; limestone 141. Water at 140. Clay 145; brown limestone 280. Water at 158 and 280. Dug well 25; blue clay 117; rock 150. Water at 145. Brown clay 15; blue clay 150; limestone 192. Water at 190. Fit gravel 42; clay stones 65; fine brown sand 76. Water from 65 to 76.
	Con II Con II Con II	*	7 13 14	Twp.RoadsDept: R. Pottruff F. Taylor		Jul.15,1963 Mar.20,1963 Nov. 8,1961	36 5 5	5 3 6	12 44 54	32 22 40		C D D,S	Gravel 28; medium coarse sand 48. Water from 34 to 48. Pit gravel 34; coarse sand 44. Water from 34 to 44. Sandy loam 4; dirty gravel 50; clay stones 64; sand gravel 68. Water from 64 to 68.
	Con II	W	18	Flintkote Co. of Canada Ltd	**	May 18,1962	8	20	95	85		In	Loose gravel 22; pit gravel sand 41; loose gravel sand 60; boulders 62; pit gravel 85; cemented gravel 89; fine gravel 92;
	Con II Con II		21 21	City Gravel Brant County	F. Ince P.V.K.& Sons Soil Testing	Jan.22,1963 Feb.17,1963	6 4	10 6	127 116	122 115		P P	gravel clay 128; shale 133. Water from 89 to 92. Brown clay 8; brown grey clay 135; limestone 142. Water at 141. Topsoil 1; sand 67; sand stone 87; soft rock 118; grey rock 130. Water at 113.
	Con II	**	24	J. Bowers	W. Packham	Apr. 11,1960	7	4	100	42	19	C	Brown clay loam 40; sandy loam 60; fine sand 85; gravel clay 126; grey limestone 155. Water at 150.
	Con II Con II Con II	19 19	25 41 45	E. Carlyle T.H. Williams T. Bryant	F.Ince H. Johnson	Oct.27,1961 Jun.11,1962 Aug.13,1963	6 6 36	1½ 8 5	152 113 47	40 40 39	" "	D,S D,S D	Brown clay 6; blue clay 108; limestone 152. Water at 148. Brown clay 6; blue clay 108; limestone 125. Water at 120. Brown clay 8; blue clay silt layers 32; soft clay silt 37; blue clay 50. Water at 39.
51	Con II Con III Con III	19 19	47 50 8	J. Calvert J.H.Symington J. Young	F. Ince N. Steinman J. Stefan	Nov.20,1961 Aug.23,1960 Jul.5, 1961	6 5 4	25 21 10	80 108 45	30 32 35	"	S D D,S	Brown clay 4; blue clay 97; limestone 115. Water at 112. Sandy clay 7; blue clay 129; hard blue rock 139. Water at 137. Dug well 44; soft sandy clay 65; soft blue clay 67; coarse sand 69; fine gravel 70. Water at 67.
	Con III	10	10	H. Schyler	G. Warren	Jan.23,1963	5	10	95	70	10	D,S	Clay stones 10;dry red sand 69;putty sand clay 101;pit gravel 124. Water at 122.
	Con III Con III		14 14	T. George M. Leary	19	Jun.3, 1961 Jul.8, 1961	5	5 3 <del>1</del>	55 60	48 53	**	D D	Sand stones 46; gravel 59. Water from 50 to 59.  Dry sand stones 10; hard dry gravel 58; dry brown sand 59; fine sand 73. Water from 59 to 73.
	Con III	**	15	A.R. Griffiths	J. Stefan	Nov.16,1963	4	5	107	107	**	D	Coarse gravel boulders 18; fine gravel 40; brown sand 85; sandy clay 110; green shale 115. Water at 115.
	Con III	10	16	J.Dzsudzsak	99	Sep.27,1961	4	5	118	118	*	D,S	Old well 42; silty sand 65; dirty fine grevel ?0; putty send 96; soft shale 118; bluish rock 135. Water at 122.
	Con III		17	E.J.Kayorie	R. Hodgson	Aug.3, 1961	10	50	180	117	W	Ir	Topsoil 2; sand gravel 2; sand boulders 47; coarse sand 62; dry sand 97; sand clay stones 118; grey limestone 260. Water at 122.
	Con III	99	20	Brant Trensit	L.C. Shantz	Jan.30,1961	8	18	89	81	=	C	Dry gravel fill 2; sandy clay 36; dirty dry gravel 78; clay gravel 107; gravel sand 110. Water at 107.
	Con III Con III		20 20	City Gravel Crown Trust Co.	F. Ince E. Stewart	Jan.28,1963 Feb.20,1963	6 5	8 5	80 50	75 43	25	P D,S	Gravel 25; brown grey clay 77; limestone 95. Water at 93. Sandy loam 10; gravel clay mixture 40; gravel clay boulders 68; hard blue clay 75; blue shale gypsum mixture 103. Water at 102.
	Con III	11	21	J.S. Fairlie	J. Stefan	Jul.3, 1961	4	5	55	22	*	D	Dug well 48; soft grey mixture silty gravel 96; dark brown shale 97; brown rock 99. Water at 97.
	Con III Con IV		41 4	C. Plant A. Douglas	F. Ince P.V.K.& Sons Soil Testing	Dec.11,1963 May 2, 1962	6 2	2 130	177 9	40 9	*	D <sub>f</sub> s	Brown clay 10; blue clay 105; limestone 177. Water at 170. Topsoil 18; gravel 9; clay 27; gravel sand 36. Water at 9. 2 points.
	Con IV		5	M.F.Ver1ty	J. Stefan	Jun.27,1963	7	17	67	57		D,S	Dirty gravel 42; silty sand 70; fine sand 80. Water at 70.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	9	LOCAT	CION	1	OWNER	DRILLER	COMPL DA	ETION TE	CASING DIA- METER	ING	PUMP- ING LEVEL		KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT															
	ntfor n IV	d Tw		cont. t 17	Separate	s. Gill	Sep. 9	,1960	6	15	133	90	Fresh	P	Sandy clay 15; fine sand 140; coarse sand 143. Water at 143.
Con	n IV		**	17	School L. Fellows	I. Lounsbury	Mar. 1	4,1962	8	112	70	59	**	P	Well pit 7;dry brown sand 54;dry gravel 66;gravel 80. Water
Con	n IV		**	17	L. Fellows	*	Apr. 1	6,1962	8	112	63	55		P	from 66 to 80.  Fine brown send 53;dry gravel 64;gravel 69. Water from 64
Cor	n IV		#	18	K. Arnel	F. Ince	Oct. 4	, 1961	6	15	130	120	н	D	to 69. Brown clay 4; sandy clay 30; blue clay 140; shale 158. Water
Cor	n IV		**	19	G. Robb	D. Thompson	Nov.27	, 1962	4	2	63	28	**	D	at 145. Light sandy soil 5; light sand peobles 38; gravel 39; light
	n IV		20	22	H. Schmidt	H. Johnson	Jun. 9	, 1963	36	10	25	23 40	**	D	sand gravel stones 52; sand 63. Water from 52 to 63. Sand stone 25; sand 32; grey sand 35. Water at 25.
	n IV n V		n	40	E.A. Simpson A. Keresturi	J. Stefan P.V.K. & Sons Soil Testing	Oct. 2 Jun. 1	4,1962 4,1962	2	480	25 65 32	32	Sulphur Fresh	D Ir	Dug well 35;soft blue clay 110;rock 160. Water at 159. Topsoll 2;sand 26;gravel sand 65; Water from 35 to 65. 8 points.
	n V		**	5	A. Jacko J. Bozek	R. Hodgson	Oct. 9	, 1962 5, 1963	2 5	500 9	32	17	"	Ir D.S	Topsoil 2; sand 16; sand stone 60. Water at 17. 8 points. Topsoil lidry sand 6; gravel sand 25; dry gravel 33; gravel
Cor			19	7	E.D. Boch	P.V.K. & Sons		5,1962		600	,	15		Ir	43. Water from 35 to 43. Topsoll 2:sand 15:sand stone 46. Water at 15. 8 points.
Cor	. 1/		11	8	D.C.Lillco	Soil Testing		8,1962		500	28	28	п	Ir	Toposil 2; sand 27; gravel sand 55. Water at 27. 10 points.
Cor			н	16	BakerSporting Goods Ltd.	D. Thompson		4,1961		500	20	20		110	Dug well 52; light brown send 85; grevel hardnen 87; light brown send 118. Dry hole.
Cor	n V		Ħ	16	doods zou.	*	Mar. 1	5,1962	4	1	95	50	W	D	Light sand soil 4; dark sand gravel 72; fine brown sand 87; red clay hardpan 88; fine sand 95. Water from 89 to 95.
F.T	r. (E	Brant	) "	6	Papple Bros.	J. Wickett	Dec. 2	0,1962	6 <del>1</del>	9		20	Sulphur	N	Brown clay 18; grey sand perbles 20; blue clay 70; limestone 92. Water at 70 and 90.
F.T	Γ.	*	**	6	•	*	Mar. 1	3,1963	6 <del>§</del>	50	20	20	Fresh	D,S	Brown clay 18; grey sand pebbles 20; blue clay 70; limestone 120. Water at 20, 80, 90 and from 115 to 120.
F.T	r.	**	m	8	Twp. Brantford	International Water Supply Ltd		26,1960	5					T 2-60	Brown clay 10; blue soft clay 120; rock.
F.I	Γ.	(10)	**	10	*	water supply Ltd		2,1960	5					T	Brown clay 9; blue clay 94; sand rock.
H.F	R.S.		**	D	G. Bailey	L.C. Shantz	Aug. 2	3,1960	5	1	125	14	Sulphur	1-60 D	Sandy clay 18; brown clay 73; grey rock 215; brown limestone
H.F	R.S.F	Range	I "	G	W. Dutka	E. Constable	Oct. 2	2, 1961	6	1 2	130	25	Fresh	D	223. Water from 215 to 223. Topsoil 4; sand loam 24; blue muck 126; blue shale 130. Water
	R.S.		I "	1	N. Kinkel	F. Ince	Sep8	, 1962	6	30	147	35	Sulphur	D,S	at 128. Brown clay 6; blue clay 75; limestone 147. Water at 140.
	R.S.		I "	8	F.Filchowski W. Madden		Sep. 5	1961	6	20	100	30	Fresh	D,C D,S	Brown clay 6; blue clay 109; limestone 124. Water at 109. Brown clay 4; blue clay 98; limestone 120. Water at 100.
H.F	R.S.	**	I **	12	J. Goddard	**	Sep. 2	26,1962	6	25 16	60	30	99	D	Brown clay 8; blue clay 102; limestone 109. Water at 104.
H.F	R.S.		I "	13	Twp. Brantford	E. Stewart H. Johnson		0,1963		16	105	33 40	"	P	Clay 104; brown limestone 115. Water at 115.
J.J	J.&M.	F.T.	1 -	14	F. Cornwell C. Poag	D. Thompson		3,1963 2,1961		2 <b>₹</b> ₹	155	120	W	N	Brown clay 20; grey clay silt layers 50. Yellow clay 13; blue clay 48; blue clay sand 50; blue clay
J.J	J.&M.	F.T.			er		Dec. 2	21,1961	6	12	215	45	Sulphur	S	115; hard grey limestone 155. Water from 48 to 50 and at 121. Dark loam 3; yellow clay 13; blue clay 30; blue clay sand 42; blue clay 91; blue clay gravel 103; dark grey limestone 153; light grey limestone 203; brown limestone 215. Water from
K.T	r. B1	ock	I		J. Webster	R. McKenzie	Jul. 2	6,1962	4	1	73	11	Fresh	s	30 to 35 and at 155 and 212.  Brown sand 4; brown sand clay 16; grey sand clay 40; fine gray
K.1	۲.	*	2		R. Wratten	W. Packham	Feb. 1	1,1960	7	6	90	73	#	D	sand 73. Water at 40. Stony grey clay 30; fine gravel sand 85; fine brown sand 99. Water at 88.

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F	BRANT COUNTY -	cor	+										
	Brantford Twp		cont	J.Bilodeau	W. Packham	Feb. 18,19	60 6	6	80	37	Fresh	D	Stony clay 20; fine gravel sand 75; fine brown sand 89. Water
	K.T.		2	J. Wratten		Feb. 25,19	50 5	4	85	35		ם	at 75. Pit 7;stony clay 20;fine gravel sand 73;fine brown sand 87.
	K.T.		2	G.J. Morgan	G. Warren	Jul. 27,19	51 5	51/2	85	80		D	Water at 73.  Sand boulders 10:dry gravel 75:dry yellow sand 90:coarse send 100. Water from 90 to 100.
	K.T.		2	A. Gray	E. Stewart	May. 18,19	52 5	15	45	30		D	Yellow loam gravel 15:grey loam gravel 86:quicksand 164;
	К.Т.	*	2	R. Chowan	•	Jul. 14,19	62 5	12	100	75		D	hard blue clay 172; grey shale gypsum 185. Water at 185. Loam sand coarse stones 18; clay 70; quicksand 195; hardpan
	K.T.		3	L. Arthur	W. Packham	Feb. 3, 19	60 7	10	80	68		In	clay 208; shale gypsum 224, Water at 224. Stony grey clay 40; fine gravel sand 90; blue clay 100; brown fine sand 110. Water at 105.
	K.T.		3	L. Ferras		Sep. 19,19	50 7	10	60	52		D	Sandy clay 15; gravel clay 35; silty sand clay 70; sand 78.
	K.T.	W 10	3	C. Smith	E. Stewart	Oct. 20,19		.5	40	25 60	:	D	Water at 70. Sandy loam 15; hlue clay 58; sand 65. Water from 60 to 65.
	К.Т.		3	J. Martins	W. Packham	Mar. 24,19		10	150			D -	Stony clay 30; brown sand 70; sandy clay 200; clay gravel 205; coarse gravel 207. Water at 205.
	K.T.	M	3	J. Laing		May 30, 19		10	65	65		D	Well pit 5; sand gravel clay 65; sand clay 80; clear sand 85. Water from 80 to 85.
	K.T.	W	3	W. Dilworth		May 31, 19		10	75	70		D	Pit 7; clay gravel 30; clay sand gravel 80; sand 88. Water from 85 to 88.
	K.T.	**	3	H. Mordue	G.A. Dennis&Sons	Jun. 12,19	51 5	12	54	50		D	Dry sand 38; yellow clay 45; grey clay gravel 56; coarse sand 68. Water at 56.
	K.T.	10	3	J. Engenski	W. Packham	Aug. 30,19	61 7	8	58	46	"	D	Stone gravel clay 60; blue clay 70; medium sand 78. Water at 75.
S	K.T.	**	3	G. Minshall	P.V.K.& Sons Soil Testing	Jul. 21,19	62 2	350	7	7	Mineral	Ir	Topsoil 1; silt 6; gravel 40. Water at 7.
	K.T.	**	3	Dr.F.D.Clarke	E. Stewart	Oct. 11,19	62 5	10	110	100	Eresh	D	Sandy loam stones 40; clay 75; quicksand 190; clay gravel 195; quicksand 245; hard dark grey clay 258; light grey
	K.T.		3	*	*	Dec. 20,19	62 5	1	79	64	*	D	limestone 265. Water at 265. Sandy loam gravel clay mixture 40; clay 62; fine sand 83; clay 88. Water from 73 to 79.
	K.T.		4	R. McAnella	W. Packham	Mar. 31,19	62 6	20	75	65	**	מ	Stony clay gravel 50; sand clay 75; sand 85; sand 92. Water at 92.
	K.T.	w	4	O. Clubine	*	Nov. 6, 19	62 6	24	32	28	*	D	Sandy loam 6; stony clay 24; sandy clay 35; sand gravel 40; coarse gravel 42. Water at 42.
	K.T.	w	4	*		Nov. 6, 19	62 7	10	100	65	Sulphur	N	Stony clay 45; brown sand 100; sandy clay 125; quicksand 225; clay dry gravel 234; limestone 244. Water at 243.
	K.T.	*	5	J, Pecyna Lynnore Stock	Warren Water	May 17, 19 Oct. 29,19	62 6	10	65	42	Fresh	D	Sandy loam 20; sandy clay 65; sand fine gravel 72. Water at 72 Grey clay 138; grey shale gypsum 144; hard grey limestone 149;
	L.I.			Farm	Wells	000. 29,19	ر رون						grey shale 156;grey limestone 182;brown limestone 195;flint. Dry hole.
	M.P.R.E.Rang				G.A.Dennis &Sons			16 16	47	27		D,S	Sand 65; sand gravel 72. Water from 70 to 72.
	M.P.R.E. "		" 2 " 3		W. Packham G.A.Dennis &Sons	Apr. 10,19 May 11,19	62 5 61 10	20	115	23	*	D,S	Sandy loam 22; clay gravel 35; sand 60. Water at 55. Dry cand 28; quicksand 83; gravel 87; outcksand 121; sand gravel
				_	_								shaly rock 123; brown limestone 138; grey shale gypsum 285; limestone 400. Water at 128.
	M.P.R.E. "			S. Beres		Feb. 23,19		2	90	18		D	Fine sand 40; fine dry sand 55; clay gravel 80; grey clay 94; gravel. Water at 111.
	M.P.R.E. "		ν.	J. Arva		Apr. 6, 19		12	102	12		D,C	Dry sand 30; quicksand 80; blue clay 108; brown limestone shale 125. Water at 124.
	M.P.R.E.			L.E. Allan	E. Stewart	Sep. 13,19		30	50	18	*	D	Sandy loam 35; quicksand 132; blue clay 144; coarse sand 146. Water at 146.
	M.P.R.E, *	1	* 7	A. Guest		Oct. 17,19	62 5	10	105	22	Fresh	D	Sandy loam 40; quicksand 175; clay 192; sand gravel mixture 195. Water at 192.
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1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Brantford Twp M.P.R.E Rang		L. Smith	E. Stewart	Oct. 8.1960	7	10	100	60	Fresh	D	Sandy loam 10; blue clay hard heads 211; coarse sand 216.
	1 * 9 II * 5		J. Stefan E. Stewart	Jul.28,1961 Aug. 1,1963	4 5	10 15	46 65	20 45	:	D,S	Water at 211. Soft blue clay 146; hard blue rock 160. Water at 167. Yellow loam 20; blue clay 25; blue clay gravel 40; cuicks and 95; hard blue clay 152; brown limestone 158; brown limestone
M.P.R.E. " M.P.R.E. " M.P.R.W. "	III " 3	P. Merkir	F. Ince I. Davis L.C. Shantz	Jul.23,1963 Nov.17,1960 Mar.23,1961	6 6 7	10 20 20	100 20 40	10 15 39	:	D,S D,S D,S	blue shale 175;blue shale gypsum 180. Water at 177.  Brown clay 10;blue clay 95;shale 110. Water at 108.  Blue clay 75;shale 85. Water at 84.  Topsoil 2;silty sandy clay 44;dirty gravel 48;sand gravel
M.P.R.W. "	I " 5	K.L.Reinhardt	N. Sreinman	Apr. 8,1960 Apr.12,1960	5 5	8 10	38 40	35 35	:	D D	59. Water from 48 to 59. Dug well 30; hardpan 51; fine sand gravel 78. Water at 78. Sandy clay 20; hardpan 24; clay 76; sandy gravel 79. Water at 79.
M.P.R.W.	I * 5	J. Cleveland	E. Stewart	May 25,1962	5	5	165	54		D,S	Gravel sand loam 21; ouicksand 91; blue clay 117; ouicksand 162; brown limestone grosum 170. Water at 170.
M.P.R.W. "	I • 6	A. Treverton	N. Steinman	Apr.1º,1960	5	10	38	35		ם	Sandy clay 5; clay 28; hardpan 36; sandy clay 70; sand gravel
M.P.R.W. *	I * 7	R. Coggins	J. Stefan	May 30,1961	4	10	43	43	•	D	Soft silty sand 46; soft butty sand 70; soft blue clay 72;
M.P.R.W. "	I • 7	F. Squizzato	•	Jun. 1,1961	4	10	30	30	"	ם	medium gravel 73. Water at 72. Old well 26; soft silty sand 38; putty sand 58; soft blue clay
M.P.R.W.	I • 7		G. Warren	Nov.14,1)61	8	3 <del>1</del>	50	13		P	60; medium gravel 61. Water at 60. Yellow sand 18; putty sand 42; fine sand 50. Water from 42 to
M.P.R.W.	I * 7		H. Johnson	Aug.14,1963	30	5	10	9		P	50. Brown clay 10; blue clay sand 22; hard clay gravel 25. Water
M.P.R.W. *	I * 8	United Church W.Thornborrow	J. Stefan	May 25,1961	4	10	40	40		D	at 25. Soft yellow clay 20; silty sand 42; putty sand 67; stony clay
	II <b>"</b> 7		P.V.K. & Sons Soil Testing	Jun.21,1963	41						60; fine gravel 70. Water at 69.  60; fine gravel 75; silt 156; clay 171; blue soft shale 190; hard grey limestone 196. Dry hole.
M.P.R.W. * H.P.T. W.T	II • 9	G. Chapin J. Trip H. Motz	J. Weaver & Son H. Johnson	Nov.27,1963 Dec. 6,1963 Aug.21,1963	1 36 24	13 4	18	49 14	:	D,S D	Open well 38; coarse sand 53. Water at 49. Brown sand 18; grey sand 24. Water at 1°. Grey clay 45. Dry hole.
Burford Twp. Con I Con I	lot 1	D. McArthur E. Cain	J. Stefan	Jul.12,1960 Nov.7, 1962	4	5 5	61 34	60 30	Fresh	D D,S	Hard clay boulders 30; blue clay 106; rock 108. Water at 108. Soft silty sand 26; soft and clay streaks 44; hard clay 54;
Con I	<b>"</b> 4	E. Stuart		Apr.27,1961	4	10	45	38		D,S	dirty gravel 56; fine clean gravel 59. Water at 56. Hard stony clay 40; dirty gravel 50; soft clay 60; dirty sand 66; soft clay 89; dirty sand 105; gravel 116; shale 120; gray
Con I	<b>"</b> 5	S. Reading	•	Jun.9, 1961	4	4	18	Flows		D	rock 122. Water at 122. Clay stones 17; dirty gravel 33; medium sand 36; coarse grave.
Con I Con I	• 5 • 8	G. Grover		Jun.16,1961	4	4 15	22	20	:	D D.S	37. Water at 33. Clay stones 21;dirty gravel 38;medium sand 40. Water at 38 Soft sandy clay 8;soft yellow sand 28;herd nacked sand
				Jun.15,1962	4	5	33			D,5	gravel 48; fine gravel 56; medium gravel 58. Water at 58. Soft vellow clay 18; fine silty sand 60; hard clay 88; dirty
Con I	• 9	E. Barker		Apr.19,1963	4	51		15			gravel 116; hard clay 149; shale 150. Water at 150.
Con I	* 9	A. Beamer		Aug. 8,1963		5	30	25		D,S	Hard clay 20; sandy clay 33; fine sand clay streaks 64; fine gravel 66. Water at 64.
Con I Con I	" 12 " 13		-	Sep.8, 1960 May 15,1962	4	5 10	35	12 31	:	D,S	Stones clay 37; fine gravel 38. Water at 37. Old well 13; soft sand clay 34; herd gravelly clay 55; fine silty sand 65; hard packed sand gravel 80; fine silty sand 96; blue clay 139; grey shale 140. Water at 139.

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BRANT COUNTY - Burford Twp.							Ľ.		r .			
Con I	lot	14	T.W. Collie	J. Stefan	Apr.3, 1963	4	15	17	13	Fresh	D,5	Medium yellow sand 32; dirty sand clay streaks 70; fin gravel 83; medium clean gravel 85. Water at 83.
Con I	• :	16	N.I. Depaw		Jul.20,1960	4	10	24	Plows	*	D	Sand 8; dirty gravel 50; hard stony clay 91; dirty grav hard clay 103; fine gravel 104. Water at 104.
Con I	* :	22	A.St.Dennis	J.P. Vos	Nov.24,1961	4	7	41	21		מ	Hard clay 13; blue clay 61; hardpan 63; red clay 87; ou
Con I	* 5	22	N. Fulson	J. Stefan	Jun. 4,1963	4	10	15	11		D,S	130; sand coarse gravel 132. Water from 130 to 132. Soft silty sand 14; hard stony clay 51; soft butty san
Con I Con II	<b>:</b>	24	T. Dewsal R. Knill	F. Ince J. Stefan	Dec. 1,1962 Jun.22,1961	6 4	10 10	70 26	6 22	:	D,S	soft sand clay 95; blue clay 107; blue shale 108. Water Brown clay 6; stony clay 98; grey shale 100. Water at Fine yellow sand 7; soft yellow clay 30; fine silty sa
												fine sand 105; sandy clay 120; hard gravelly clay 145; sand 153; coarse gravel 155. Water at 145.
Con II	*	5	A. Punter	C. Strome	Jul.21. 1960	2	40		15	•	Ir	Topsoil clay loam 4; gravel sand 14; fine gravel coars 30. Water at 16. 5 points.
Con II	* 9	9	P. Bandur	J. Stefan	May 13,1960	4	5	12	Flows		D,S	Stones clay 9; fine sand 12; yellow clay 34; send 66; d1 gravel 70; clay 87; fine gravel 88. Water at 87.
Con II	*	11	J. Barna Jr.	*	May 5, 1960	4	5	18	9		D,S	Yellow sand Rigravel 42:gravelly clay 64:fine sand 9 sandy clay 106:gravelly clay 133;blue clay 165:grave Water at 165.
Con II		13	J. Brinker		Jul.29,1960	4	10	14	. 7		מ	Silty yellow sand 6; dirty fine gravel 80; dirty sand
Con II	* 3	22	R. Fellows	*	Jun.14,1963	4	10	18	14		D	fine clean gravel 117, Water at 116. Soft silty sand 12; dirty gravel 20; stony clay boulde
Con II		24	E. Vandewater	N. Steinman	Oct.15,1960	4	10	52	36		D	fine gravel 89. Water at 89. Clay boulders 22; brown clay 42; sandy clay 52; blue cl
55												hardpan 85; blue clay 102; blue grey shale 108; soft de rock 120. Water at 118.
Con III		5	A. Keresturi	J. Stefan	Oct.18,1962	4	5	75	40		D,S	Old well 22;soft silty sand 47;soft blue clay 75;dir 93;dirty gravel 117;hard stony clay 127;coarse grave Water at 127,
Con III Con III		23	E. VantVoort J.B. Wallace	N. Steinman	Aug.16,1960 Dec. 4,1961	5	12 12	30	17		D,S	Grey clay 44; sand 48; fine gravel 50. Water from 44 to Grey clay 23; gritty grey clay 68; blue clay 105; blue
Con IV			H. Lesege	J. Stefan	Oct. 2,1963	4	5	16	22		D.S	112. Water from 112 to 113. Soft yellow sand 20:soft sandy clay 52:hord grovelly
TOTAL PROPERTY OF THE PROPERTY				u. Stelen		. ц		1				blue rock 78. Water at 78.
Con IV		20	D. Hinan J. Baran	,	Oct.30,1962 May 25,1960	4	5	21 45	17		D,S	Soft clay sand streeks 63; fine gravel 65. Water at 6 Hard clay boulders 14; sandy clay 53; hard gravelly cl
Con IV	• ;	24	D. Lazenchuk	•	Jun. 9,1960	4	5	45	0	*	ם	dirty yellow sand 90; hard clay 91; fine gravel 92. Wa Hard clay stones 15; sandy clay 54; gravelly clay 60; d
Con IV		24	A. Baran	*	Nov. 7,1961	4	5	26	15		D,S	sand 90; hard clay 92; fine gravel 93. Water at 92. Old well 22; soft silty sand 38; dirty gravel sand 72;
Con ∀		.	E. Cleaver		Aug.29.1961	4	10	25	23		ם	gravelly clay 90; grey rock 95. Water at 94. Old well 15; soft yellow clay 32; hard gravelly clay 7
Con V			W. Hanson	,,	Jul.19.1961	h	5	36	27		D.S	shale 73; brown rock 75. "ater at 75. Hard sandy clay 6; soft silty sand 34; hard sandy clay
						L L	10	7			D. S	soft blue clay 85; fine gravel 86. Water at 85.
Con V		24	W. Clark		Nov.21,1961	4			5	_		Yellow sand 4; coarse dirty gravel boulders 55; soft g clay 59; hard light grey rock 85. Water at 85.
Con VI Con VI	"		D.C. Mawson E.H. Leggett	G. Warren J. Stefan	Aug. 8,1961 Apr.11,1962	5 4	5 b	37	15 37		ם	Yellow sand 3;grovel 44. Water from 37 to 44. Coarse gravel 15;fine gravel 24;fine dirty sand 48;m
Con VI		1	W.J. Crandell	•	May 7, 1963	4	5	44	44		מ	send 57. Water at 48. Coarse dirty gravel 32; fine silty sand 57; medium san
Con VI	• •	,	E.R.Zuerrer	P.V.K. & Sors	Dec.14,1960	2	6	7	7		s	Water at 57. Clay 10;silt 61;gravel 70. Water at 7.
Con VI	•		P. Pottruff	Soil Testing J. Stefan	Jul. 2,1962	4	10	15	14		מ	Soft sand clay 62; hard clay streaks 62; dirty sand 70 blue clay 27; blue rock 102, water at 101.
						L	1		1	I		blue clay 27; blue rock 102, water at 101,

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
		- con		L.R.Wilson L.A. Potter	Steinman &Baird Hadco Well Digging Ltd.	Jul.12,1962 Apr.12,1961	<b>5</b> 30	15 10	19 41	11 22	Fresh	D,S	Sand 22;gritty clay 45;brown shale 47; Water at 47. Topsoil 1;brown clay 14;sand 16;blue herdban 18;sand 20; blue clay 28;grevel 30;blue clay hardban 35;grevel 36;blue hardban 41. Water at 14, 18, 28 and 35.
Con V	'I	*	23	E. Robson	J. Stefan	Jul.4,1960	4	5	9	4		ם	Soft silty sand 36; hard stony clay boulders 52; fine gravel
Con V	'II		4	Burford Twp.	G.J. Wallis	Feb.17,1960	8	10	100	21	*	P	53. Water at 52. Brown sand fine gravel sand clay "; fine sand 28; medium grain sand 30; fine brown sand 42; light grey clay silt 50; fine brown sand 59; medium grade sand 55; grey clay gravel 58; grey clay 105; grey clay gravel 1105; grey clay horden 120; pea gravel grey clay 123; comented sand gravel 1282. Water from 17 to 42, 54 to 55 and from 120 to 128.
Con I	711	**	4	Burford Hirh School	G. Warren	Mar.16,1960	5	30	34	28	**	P	Clay gravel 30; sand 40; clay 47; sand fine gravel 52; clay 56. Water from 30 to 40 and from 47 to 52.
Con V	7II	*	10	K. Terryberry	J. Stefan	Jul.12,1962	4	10	60	45		D	Silty sand 42; soft sandy clay 60; soft blue clay 124; hard clay 132; dirty sand gravel 150; hard gravelly clay 153; fine gravel 154.
Con 1	/II	**	20	F. Wale	E.Hoover & Sons	Dec.16,1961	5	4	35	30	***	D,S	Tops 11 1; sand 30; blue clay 50; blue clay stones gravel 64; gravel 65. Water at 65.
Con 1	/II		22	G. Avey	J. Stefen	Jun.28,1960	4	5	9	4	*	α	Silty sand 8; hard stony clay boulders 52; fine gravel 53.
Con 1		*	22	L. Beam	ж	Sep.12,1961	4	5	42	10	•	D,S	Water at 52.  Hard stony clay 8; soft silty clay 16; hard gravelly clay boulders 34; dirty gravel 39; hard stony clay 51; blue rock 56.  Water at 52.
Con 1	/III		4	G. Seitz	P.V.K. & Sons	Jun.28,1961	2	300		17	W	Ir	Topsoil 3; sand gravel 33. Water at 17, 4 points.
Con 1		-	10	G. Brown	Soil Testing J. Stefan	Jun.27,1962	4	10	31	30		D,S	Soft yellow sand 12; soft putty sand 25; hard soft clay streaks
Con V	/III	*	11	W.H. Martin		Dec.22,1961	4	5	55	37	H	D,S	59; medium gravel 60. Water at 59. Clay 4; soft sandy clay 64; hard gravelly clay 67; soft silty
Con V	/III	*	14	D. Eitel	J.H.Weaver& Son	Dec.3,1960	1	8		20		D,S	sand boulders 77; hard cley stones 80; grey shale 81. Water at 8 Oren well 20; fine gravel 23; blue clay 24; blue putty sand 30;
Con 1	гx	*	3	J. Nacel	P.V.K. & Sons	Jun.26,1961	2	500		9		Ir	blue quicksand 44. Water at 20. Sand gravel 40. Water at 10 6 points.
Con I		*	11	W. Steward W.N. Tighe	Soil Testing J. Stefan	Jul. 6,1960 Jul. 6,1962	4	5 10	9 10	8	**	D D	Soft sandy clay 22; shale 23. Water at 23. Soft slity sand 10; herd soft clay streaks 68; shale 74; blue rock 75. Water at 75.
Con :	ĽΧ		13	Burford Twp	*	May 25,1960	5	10	32	30		P	Yellow sand 26; sandy clay 72; shale 86; brown limestone 90.
Con :	ĽΧ	**	22	School Board K. Heeney		Apr. 6,1961	4	5	14	10		D,S	Water at 89. Old well 10; fine sand 34; hard clay 36; dark grey rock 40.
Con :	TX.		23	P. Burtis	G. Warrens	Dec.13,1962	5	4	51	8	Sulphur	D,S	Water at 40. Clay boulders 22; clay putty sand 28; dirty gravel 44; shale
Con :	t x		24	L. Turnbull	E.Hoover &Sons	Dec.11,1961	5	7	12	12	Fresh	D,S	46; hard grey limestone 51. Water from 46 to 51. Topsoil 1; red clay 4; blue clay 35; sand gravel clay 442;
Con :	ſΧ		24	H. Stubbe	P.V.K. & Sons	Nov.28,1063	4	7	44	42	Sulphur	P,S	gravel 45. Water at 45. Topsoil 2; clay 68; rock 72. Water at 72.
Con	(	*	14	S.G. Clement	Soil Testing J. Stefan	Apr.19,1961	4	20	28	24	Fresh	D,S	Yellow sand 18; soft silty sand 58; soft clay 60; grey rock
Con	C		18	J. Muhl	*	Aug.18,1960	4	5	24	14		ם	61. Water at 61. Soft silty sand 29;dirty gravel boulders 34;grey shale 42; grey limestone 50. Water at 50.
Con	(		19	M. Attlebery	*	Oct.25,1962	4	5	21	15		D,S	grey limestone 50. water at 50.  Soft sand clay 21; putty sand 44; hard stony clay 66; grey rock  74. Water at 73.

В	RANT	COUNTY -	cont.											
1	Con	rd Twp K		20	P. Cohoe	E.Hoover & Sons	May 24,1961	5	5	25	20	Fresh	D,S	Topsoil 1; red clay 5; blue clay 56; sand silt boulders 70; gravel 72. Water at 72.
	Con		*	22 23	W. Daniels J. Ryksen		Apr.11,1963 Nov.15,1960	5	12	22 42	21 24	Sulphur	D D	Yellow sand 4; clay boulders 58; grey rock 60. Water at 60. Soft silty sand 9; sandy clay 32; blue clay 48; dirty sand
	Con	x	•	24	G. Whitehead	H. Wood	Apr.13,1963	5	12	25	21	Fresh	D	gravel 56; clay 57; shale 58. Water at 57. Tellow sand 30; clay 40; quicksand 48; blue clay 66; grey rock
	Con	XI	•	11	H. Podworny		Sep.6, 1960	11	10		6		D	68. Water at 68. Fine sand 4; gravel 6; silty clay 9; sandy gravel 15; sand 21.
	Con	XI		20	A. Morris	Soil Testing J. Stefan	Sep.29,1960	4	10	19	18		D,S	Water at 7. Fine brown sand 20; soft sandy clay 56; blue clay 59; grey rock
	Con	XI	•	20	O. Lankin	E.Hoover & Son	Jul.22,1961	8	100	115	Flows	Sulphur	Ir	60. Water at 60. Sand 25;clay 44;gravel 45;brown limestone 55;grey limestone 60;brown limestone 90;grey limestone 110;grey shale 130. Water at 125.
	Con Con		*	15 23	J. Pettitt V. Norris	F.Ince J. Stefan	Jul.14,1962 Jul.20,1962	6	8 10	123 33	35 32	Fresh	D,S	Brown clay 6; stony blue clay 113; limestone 123. Water at 120- Dug well 18; blue clay 36; soft putty sand 61; herd clay 63; rock 65. Water at 64.
	Con	XIII		1	A. Campbell	T.E.Longstreet	May 28,1960	7	8	54	51	*	D	Brown hard sand 3; brown sand clay boulders 24; brown sand clay 33; sand silt 45; fine brown sand 69; fine brown sand silt
	Con	XIII	*	1	Scotland Fire	G.A.Dennis & Sons	Sep.17,1960	5	6	53	41	•	P	clay 72; Water from 45 to 69. Sand 6; boulders sand 11; sand gravel 65. Water from 60 to 65.
	Con Con			1	I. Sietz A. Graffelner	H. Wood G. Warren	Jun.2, 1961 Jul.11,1961	5 5	5	54	44	*	N D	Clay boulders 140. Open well 35; sand small stones 55; fine sand 62. Water from 55 to 62.
57	Con	XIII		1	I.S. Sietz	E. Stewart	Jul.28,1961	7	5	76	70		D	Loam sand 20; loam sand gravel 45; ouicksand 140; clay 144;
	Con		**	1 2	C. Rolson J. Drong		Dec.4, 1963 Nov.5, 1962	6	15 10	69 45	65 45	**	D D	shale 180; shale gypsum 215. Water at 175. Brown clay 8; stony clay 70; send 81. Water at 78. Sandy loam gravel 30; fine sand 70; coarse gravel 75; clay 128;
	Con	XIII		13	J.W. Banks	J. Stefan	Sep.26,1960	4	10	45	42	**	D	brown limestone shale 140. Water at 75 and 140. Yellow sand 12; sendy clay 75; blue clay 105; stones clay 111;
	Con	XIII		13	D. Latimer		Jan.15,1963	4	8	18	18		D	shale 113; blue rock 116. Water at 116. Fopsoil 18; silt 97; grey rock 98. Water at 18.
	Con	XIII		18	G.& J. Atlee	Soil Testing	Oct.28,1960	12	10		6	*	D	Black topgoil 3; fine sand 7; silty clay 10; fine sand 17; coarse
	Con	XIII		21	E. Groulx	C. Strome	Nov.26,1960	4	50		16	-	D,S	sand small stone 23; stone sand 33\$. Water at 26. Loam 4; brown clay 21; blue clay 30; fine sand 51; soft clay 72; hard clay 86; grey 11mestone 87. Water at 87.
	Con	XIV		1	C. Malcolm	G.A.Dennis & Some	Sep.21,1961	5	5	90	441	**	D	Fine sand 40; coarse sand 57; sand clay 65; clay gravel sand 95; clay gravel 107; sand grevel 111. Water at 111.
	Con	XIV	*	1	W. Broda	*	Sep.29,1961	5	12	100	41	*	D, C	Sand coarse gravel boulders 8; coarse sand 40; medium sand 57; medium sand clay 75; clay gravel 105; packed blue sand 117;
	Con	XIV		1	G. Demeyere	E. Stewart	Jan.9,1962	5	10	80	80	Mineral	D	gravel sand 122; brown limestone 127. Water at 125. Sandy loam 10; yellow loam 30; soft blue clay 95; hard blue
	Con	XIV	*	1	C. Ficzere	*	Jan.30,1962	5	10	70	70	Fresh	D	clay 150; hardpan 155; brown limestone 170. Water at 170. Sandy loam 120; blue clay 142; brown limestone 160. Water at 160.
	Con Con	XIX	*	3 16	J. Szabad D.Pite		Feb.15,1962 Nov.1, 1962	5	10 12	36 40	36 40	:	D D,S	Sand clay 90; clay 107; grey shale 118. Water at 118. Clay 55; clay coarse gravel 70; sand 89; quicksand 122; hardpan
	Con	XIV	*	17	V. Smatana	*	Aug.16,1962	5	12	35	35	-	D,S	129%;grey rock 134. Water at 132. Dug 28;clay 65;fine sand 73;guicksand 90;putty sand 112;
	Con			24	H. Jansen	E.Hoover & Sons	Aug.10,1962	5	3	17	17	*	D	hardpan 119;grey rock 1222. Water at 122. Red sand 18;soft blue clay 80;gravel 81. Water at 81.
)	Con	nd Twp.	101	1	C.E.Bush	P.V.K.& Sons Soil Testing	Sep.5, 1960	11/2	10		4	Fresh	D	Dark sand 31;gravel 34;coarse sand 38. Water at 6.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	STATIC LEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - Oakland Twp Con I			R.A. Selig	P.V.K. & Sons	Nov.24,1960	112	15		6	Fresh	D	Topsoil 3; fine brown sand 15; clear fine sand stones 31. Water
Con I	10	2	B. WeIsh	Soil Testing J. Stefan	May 29,1962	4	5	11	8	*	מ	at 10. Soft yellow sand 22; soft blue clay 25; coarse gravel 26. Water
Con I Con I	n	2 6	T. Arthur G. Logan	W. Packham	Nov.22,1963 Apr.12,1962	6	10 15	8n 65	20 60	20	D,S D,S	at 25. Old well 21; sandy clay 45; hardpan 62; bedrock 90. Water at 75. Dry sand 55; clay gravel 65; blue clay 155; medium gravel 158. Water at 158.
Con I	H	6	S.Brant Lion's Club	•	Nov. 5,1962	6	9	40	6		P	Sandy loam 20; ouicksand 30; fine sand 35; sandy clay coarse gravel 45; clay 47; gravel 48. Water at 48.
Con I Con II	"	7	L. McColley J. Brady	G. Warren	Nov. 1,1963 May 11,1962	6 4	20 5	50 42	42 32	**	D D	Loam clay gravel 53;gravel 54. Water at 54.  Open hole 5;red sand 14;dirty grovel 35;white sand 50;red sand 62. Water from 50 to 62.
Con II Con II	"	6	P. DeKlerck K. Barnes	W. Packham C. Strome	Nov. 2,1962 Dec. 10,1963	6 5	10 4	45 38	37 40	**	D D	Sand 8; sandy clay stones 25; sand 61. Water at 60. Sand 4; clay stone 10; gravel 22; white sand 28; fine gravel 37; dry sand 45; medium sand 50. Water at 50.
Con II	n	7	S. McCullock	*	Nov.12,1963	4	5	59	54	"	ם	Red sand 7; gravel stones 14; sand 26; gravel 29; dry coarse sand
Con II		10	W.T. James	J. Stefan	Oct.27,1961	4	10	46	34		D,S	38; fine gravel 52; clay 54; gravel 59; clay 60. Water at 54. Old well 32; soft silty sand 114; streaks clay dirty sand 148;
Con III	м	1	H. Kegels	W. Packham	May 11,1960	7	10	65	57	"	D	soft shale 157; fine gravel 158. Water at 157. Stony clay 60; sandy clay 70; sand gravel 75; gravel 82. Water at 80.
Con III Con III	11	4	A. Kegels C.Vezsenyi	J.H. Weaver 6.A.Dennis& Sons	Apr.24,1961 May 19,1961	1 5	8 24	60	25 28		D,Ir D,S	Old well 20; fine gravel 40. Water at 25. Coarse gravel 3; dry sand 30; fine sand 85; clay 94; fine sand
Con III		6	J. Yarek	W. Packham	Aug. 4,1962	6	20	60	52		D,S	152; coarse sand gravel 156; brown limestone 161. Water at 157. Old well 45; sandy clay 60; sand 80; clay 125; sandy clay 172; hardoan 183; limestone 187. Water at 186.
Con III		7	E. House	E. Stewart	May 26,1960	7	270	150	40	*	Ir	Loam gravel 25; blue clay large stones 60; blue clay 170; hardpan 172; soft shaly rock 176; brown limestone 210; brown limestone shale 280; shale gypsum 350. Water at 181, 325 and 350
Con III	H	9	A. Tucznski	,	0ct,30,1962	5	20	37	27		D,S	Sand loam 40; quicksand 135; clay 152; derk coerse sand 155. Water at 155.
Con III		9	G. Stroka	m ·	Jul.17,1963	5	5	36	36	*	מ	Sandy losm 30; clay gravel 80; quicksand 125; blue clay 144; coarse sand 145. Water at 145.
Onondaga Twp. Con I Con I Con I		19 19 23		F. Ince Cross Bros.	Sep.10,1963 Dec. 6,1963 Nov.27,1963	6	10	82 100 94	30 25 32	Fresh	D,S D,S D	Brown clay 10; blue clay 74; rock. 85. Water at 85. Brown clay 15; blue clay 80; limestone 100. Water at 90. Topsoil 1; brown clay 26; quicks and 45; blue clay 65; limestone
Con I Con II	*	25 11	M. Johnson T. Ivanisko	F. Ince J.F. Wickett	Nov.21,1963 Nov.19,1963	6	24 10	45 75	40 25	Sulphur Fresh	D,S D,S	96. Water at 90. Brown clay 6; blue clay 77; rock 142. Water at 141. Brown sand 18; sand perbles 23; blue clay 78; grey limestone 84. Water at 80.
Con III	*	5	D.R. Jarvis	H. Johnson	Sep.11,1963	30	2	42	40		D	Brown sand 4; clay 1 yers sand 50. Water at 11, 30; and from 36 to 50.
F.C.E. Con F.C.E. Con F.C.E. Con	I *	27 30 17	C. Fair P. Allenmang K. Burke	F. Ince	Jul.31,1962 Jun.21,1962 Feb.7, 1963	6 6	5 7	142 78 148	35 30 24	sulphur	D,S D,S D,S	Brown clay 6; blue clay 86; limestone 142. Water at 138. Brown clay 6; blue clay 75; limestone 78. Water at 77. Brown clay 18; soft clay 65; limestone 75; gypsum limestone 88;
F.C.E. Con F.C.W. Con			J. Howden N. Luff	F. Ince	Dec.27,1962 Jul.9, 1962	61	8	125 120	25 35	Fresh	D,S D,S	rock 148. Water at 90, 143 and 147. Brown clay 10; blue clay 77; grey limestone 125. Water at 115. Brown clay 4; blue clay 124; gravel 125; limestone 127. Water at 125.
F.C.W. Con F.C.W. Con		9	H. Chafer A.F.Stephena	H, Johnson I, Davis	Aug.6, 1963 Feb.4, 1960	36 6	7	64 90	90	Sulphur	D	Brown clay 15; clay silt layers 64. Water at 44.  Brown sand clay 20; blue clay 135; grey limestone 169. Water at 166.

BRANT COUNTY - cont. Onondaga Twp cont. F.C.W. Con III lot 9 Varga & Frank D. Thompson Oct.13.1962 5 8 90 90 Fresh D Yellow clay 15; blue cl	lay 55; sand 75; clay gravel 90; blue clay
brown sand pebbles 119	stones 70; brown sand 80; blue clay 92; 51; blue shale limestone 119. Water from
R.R. 22 W. Oughtred F. Ince Jul.15,1963 6 6 28 25 " D Brown clay 12; blue cla R.R. 80 R.Schleissner E. Constable Sep.13,1961 5 3 35 20 " D.S Tooscil 4; blue clay 38	nd 117. ay 27;shale 33. Water at 32. B;coarse gravel 42. Water at 42.
	emented gravel 48; grey clay 94; running
Paris E.H. Crombie   G. Warren   Sep. 28, 1961   5   52   22   20   *   D.S   Stones boulders 24; gre	nd gravel 97. Water at 96%. avel 25;cemented gravel 26. Water from
	gravel 52; fine sand 67; blue clay 80;
Paris   A. Miles   "   Nov.23,1962   4   5   100   99   "   D   Old well 55; soft silt;	gravel 07. Water at 85. y sand 80; soft blue clay 110; hard stony
Paris G. Groome J. Wickett Oct.16,1963 5 10 90 57  Clay 119; medium gravel Coarse gravel 52; grey Water at 98.	1 120. Water at 119. sand 68; blue clay 98; fine gravel 102.
South Dumfries	
at 144.	ty sandy clay 142; limestone 150. Water
	clay 128; limestone 135. Water at 133.  11ty clay 122; limestone 150. Water at 135.
On I " 1 R. Hermeston " Oct.28,1961 6 10 110 90 " D Clay 30; sandy clay 13;	2; limestone 140. Water at 135.
Con I " 1 J.S. Curry " Aug.29,1963 6 15 140 95 " D Clay loam 15; soft grey 139; limestone 150, Wat	y clay 95; red brown sand 135; grey clay
	andy brown loam 90; blue clay 123;
Con I " 5 W. Misener " Feb.1,1963 6 15 75 65 " S Clay 70; silty clay 125	5;sand 130;sand gravel 133; Water-at 133, ay 150;rock 152;clay sand 153;rock 215.
Water at 170 and 205.	
64; medium coarse grey	own herdpan sand clay 60; grey fine sand sand red sand 72. Water at 64.
Con I " 9 G. Heidinger E. Stewart Aug. 7, 1963   5   15   30   2   Mineral D   Yellow clay loam 10; bi	lue clay 90; brown limestone shale 102; rev limestone 128; Water at 128;
	clay gravel 95; clay 150; limestone 100.
Con I " 12 D.E. Firth   I. Davis   Aug. 4,1961   6   8   75   30   "   D   Blue clay 80; limestone	e 153. Water at 150. grovel boulders 24; hardban boulders 40;
loose gravel 65;blue	clay small gravel 124; blue rock 165.
Con II " 1 Braeside Camp W.Packham Apr.13,1962 6 25 115 111 " P Sandy loam 5,850nes g1	ravel 20; sandy clay grovel 50; stones 60; evel 147. Water from 140 to 147.
Con II " 8 M. Stobbs   Il Davis   Oct. 25, 1960   5   10   44   19   "   D   Brown clay stones 45;	hardpan 50; fine gravel 70. Water at 50.
stone 26; coarse grave	wn sond 22; brown sond 24; herdben shele 1 send 28; send 37; grey fine send 39.
Con II * 12 St.George Water at 25.	
Abattoir W.Packham Apr. 29,1960 7 20 15 4 " C Brown clay 30; silty c	lay 108; limestone 115. Water at 112.
Con II	0;grey rock 150. Water at 145. lay sand 23;sand gravel 140;grey
limestone 150. Water a	at 149.
Con II " 13 Dept. of Highways F. Ince Dec.11,1962 6 20 60 30 " P Brown clay 15; blue clay 142. Water at 140.	ay 95; quicksand 117; grey limestone

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	ING	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY -											
	h Dumfries II	s - cont lot 14	H.B.Buchanan	H.Johnson	Jun.10,1963	36	10	15	12	Fresh	D	Sand 12; clay silt 20; Water at 12.
	ĪĪ	" 15	H.D. Duchanan	W.Packham	Aug. 3,1961	36 6	i	165	15		D	Sandy losm 10:sendy clay 130:limestone 165. Water at 150.
Con		" 18	I. Plomley	L. C. Shantz	Aug. 8,1960	7	5	81	14		D	Topsoil 1; dirty brown sandy clay 36; silty sandy clay 68;
												clay gravel 118; silty sandy clay 162; hard gray rock 251
Con	TT	* 34	W.DanBarker		Dec.15,1961	5	15	110	99		D	Water from 200 to 251. Sand 8; stones clay 17; gravel 38; brown clay 91; clay gravel
<b>4011</b>		77	w. Danbarker			ر	• )	110	22		-	114; blue shele 118. Water from 114 to 118.
Con	III	* 5	R.E.Lee Paint	I. Davis	Jun.24,1961	6	10	30	15		In	Hardpan stones 160; shale 176. Water at 175.
0	777	* 2	Co. Ltd. S. Howey	F. Ince	Tun 2 1062	2	8		Flows		D	Brown clay 6; sandy clay 30; medium gravel 39. Water at 39.
	III	* 12		S. Gill	Jun.3,1963 Jan.4, 1961	6	15	70	60		D	Clay boulders 30; fine sand 50; gravel fine sand 115; fine sand
wi1		*2	2, 110/10/1	2	Jan. 1, 1,01		- )	, 0				118; gravel 120. Water at 120.
Con	III	* 12	N. Burtch	F. Ince	Aug. 7,1962	6	8	74	62		D	Brown clay 15; stones hardpan 35; cement gravel 80; gravel 84.
	III		P. Newman	S.W. Merritt	Jul.17,1963	5	10	75	72		D	Water at 80. Old well 50; stones coarse gravel 95; sand quicksand 160; hard
con	111	• 12	r. Newman	J.W. MEITICC	001.17,1905	)	10	73	12			packed sand 170; fine grey sand 176. Water at 174.
Con	III	* 35	R.T. Sales	L.C. Shantz	Aug. 1,1963	7	15	140	99		D,S	Silty sandy clay 174; coarse sand 184. Water from 174 to 184.
	IV	1	J. Wait	W. Packhem	Apr.27,1960	7 6	7	70	30		D,S	Brown clay 20; silty clay 115; limestone 123. Water at 120.
Con	IV	* 9	H.Brubacker & D. Waters	-	Dec.19,1963	6	20	160	100	-	D,5	Sand stones 70; sand clay 90; dry sand 110; fine quicksand 205; sandy clay 218; gravel 220. Water at 220.
Con	IV	* 12	K.R. Beckett	Hadco Well	Nov.28,1960	30	8	27	13		D	Topsoil 1; brown sandy clay 14; grey sand 26; grevel boulders 28
				Digging						040	Marie Control	Water at 14 and 26.
	IA	* 12	S. Brown	W. Packham	Jan.17,1962	6	15	110	105		D	Sandy clay 30; silty clay 50; hard clay gravel 128; gravel 130.
Con	TV	* 17	H. McComb		Apr.18,1963	6	10	185	124		D.S	Pit 5; sandy clay 75; stones dry gravel 100; clay 185; broken
-011								2				stones gravel 190; bedrock 203. Water at 190.
Con	IV	* 29	L. Gillies	D. Thompson	Feb.20,1962	4	5		22		D	Light sandy soil 2; fine coarse gravel 51; fine sand 56. Water
Con	TV	# 25	J.W. Maus	C.& H. Kerr	Sep.13,1962	5	10	110	56		D	from 51 to 56. Clay 20:clay marl 45:clay gravel 108:gravel 113. Water at 111
Con		: 35	T.M. Taylor	J.L. Graham	Sep.22,1960	7	9	80	Flows		ă	Clay herdpan 10; fine light brown sand 18; soft brown clay 80:
					-		-					stony hardpan 90; blue brown rock 112; dark grey rock 124.
C	W		W. Taylor	W Tahmaan	Jun.27,1963	26	5	14	9		D	Water at 124. Sand 17; clay 30. Water at 9.
Con		* 5	G.A. Pletzer	H. Johnson W. Packhem	Jul.12,1963	36	35	40	Flows	w	ם	Old well 8; sandy silty clay 85; sand kravel clay 100; fine
-0.1	-						10.00					gravel clay 110; gravel 112. Water at 112.
Con	A	• 10	W.R. McComb	•	Feb. 6,1962	6	15	170	160		5	Old well 30; sandy clay gravel 118; gravel stones 145; clay
Con	v	* 11	J. Malcolm	C. Shantz	Nov.6,1962	7	12	122	120		D,S	gravel 185;gravel 190. Water from 185 to 190. Boulders clay 40;sandy clay 100;boulders sand 140;sand gravel
-011			74 T	• • • • • • • • • • • • • • • • • • • •					-50			170:gravel sand 175. Water at 176.
Con	V	* 15	N. McCres	W. Packham	Nov.21,1963	6	20	75	70		D,S	Stones gravel sandy loam 70; coarse stone gravel 110; sand 115; coarse gravel 112. Water at 118.
Con	v	* 24	K.H. Rapsey	J.L. Graham	Aug.13,1960	63	4	190	187		ם	Clay gravel boulders 71; cemented sand 140; herdpan 202; gravel
CON		24	ment mapacy	U.D. Gla lam	g.1),1900	0.5	-76	190	10,		- 1	207. Water from 203 to 207.
Con	V	* 28	S. Perriman	C. Shantz	Dec. 1,1961	5	18	107	85	•	D,S	Old well 27; clay gravel 41; silty sandy clay 92; silty sand
	-	* 28			D . 24 40/2			410	1/0		D 0	118; fine gravel 127, Water from 118 to 127.
Con	V	* 28	J. Faus	-	Dec.31,1963	7	8	165	163	77	D,S	Old well 57; clay grevel 100; sandy clay gravel 150; sandy clay 225; hard clay 291; grey rock 301. Water from 291 to 301.
Con	VI	• 1	G. Donkers	W. Packham	Aug.28,1963	6	4	70	18		D,S	Clay 8; soft silty vellow clay loam 29; limestone 75. Water at
Con	VI	. 2	A. Girard	S. G111	Nov.18,1963	6	10	55	30	•	D	Blue clay 42; grey rock 75; Water at 73 and 75.
	VI	* 3	A.B. Lewis	W. Packhem	Aug.30,1963	6	17		28		D,S	Soft clay 61; limestone 77. Water at 67. Topsoil 1; yellow sand 4; brown clay 12; grey clay 18; grey sand
con	VI	• 7	J. Ross	Hadco Well Digging	Oct. 5,1962	30	3	29	10		3	26; red sand 30. Water at 18.
Con	VI	<b>*</b> 8	C. Deidy	-100-10	Jul.18,1962	30	2	45	36		D	Topsoil 1; brown sandy clay 14; grey clay 36; brown clay gravel
									1			41; brown sandy clay 45. Water at 36.

BRANT	COUNTY -	cont.											
South Con	Dumfries VI	Twp.		J. McComb	C. Shantz	Jul.4, 1962	5	10	120	107	Fresh	D,S	Topsoil 2; sandy clay 8; sandy clay boulders 28; clay gravel 100 gravel clay streaks 110; cemented gravel 114; sandy clay gravel
Con	VI	•	10	G. Henderson	•	Aug.14,1962	7	20	141	140		D,S	155; clay gravel 163; silty sandy clay 207; sand gravel clay 210; cemented gravel boulders 221; grey rock 224. Water from 221 to 224. Topsoil 5; sand boulders 30; silty sandy clay gravel 100; gravel sand 115; silty sandy clay gravel 145; clay gravel 240;
Con	VI	W	13	J. Pring	J.L. Graham	Dec. 3,1960	5	10	80	60	*	מ	silty sandy clay 258; grey rock 268. Water from 260 to 268.  Brown clay boulders 28; fine brown sand 60; hard clay 84; large boulders 92; cemented gravel 115; clay small gravel 136; black
Con	VI	*	13	C. Whitlam	C. Shantz	Feb.18,1963	5	15	62	58	88	D,S	grey rock 144; brown rock 150. Water from 147 to 150. Boulders gravel 60; clay gravel 85; boulders comented gravel 95; clay gravel boulders 100; grey limestone 114. Water from 110 to 114.
Con	VI	**	13	G.B. Cole	W. Packham	Mar. 20,1963	5	15	60	57		D	Stony clay 40; sandy clay 90; stones clay 100; gravel stones
Con	VI	*	18	G.Baird	Hadco Well	Feb.27,1961	30	5	56	50		D	105. Water at 105. Topsoil 2;gravel sand boulders 16;brown fine sand 40;red
Con	VI		19	K. McDonald	Digging	Feb.28,1961	30	10	34	25		D	sand 50; blue sand 56. Water at 50. Topsoil 1;gravel boulders 16; brown clay sand 25; gravel 26;
Con	VI	19	19	D.M.C.Shaw	S. G111	Sep.27,1961	7	8	138	70	•	D	brown clay 35. Water at 25. Clay boulders 40; clay sand 108; fine sand 148; grey rock 168.
Con	VI	**	19	A.G. Beird	5. <b>0</b> 0	Jun.5,1962	6	10	53	25		D	Water at 165 and 167. Old well 35;gravel sandy 80;silt 95;gray clay pebbles 110;
Con	VI	10	26	M.M. Moore	C. Shantz	Aug.21,1962	7	6	120	75	*	D,S	coarse sand 115. Water at 115. Topsoil 5; sandy clay 130; blue clay 135; coarse gravel clay
6 Con	VI		26	W.J. Moore	**	Aug.28,1962	5	10	43	40		D	155; sand gravel 164. Water from 155 to 164. Topsoil 6; gravel sand 20; sand 40; sandy clay 110; blue clay
				8 10 02 18 0B4-5160									125; dirty gravel clay 128; sand gravel 132. Water from 128 to 132.
Con	νī		33	J.W. Maus		Nov.18,1961	7	20	105	70	**	D,S	Brown clay 19; sandy clay 46; clay gravel 91; hardpan 123; sandy clay 135; fine muddy sand 140; gravel 146. Water from 140
Con	VI		34	A. Cochrane	•	Nov.14,1963	7	15	110	80		D,S	to 146. Old well 44; clay sand 70; sandy clay 110; clay sand 150; sandy
Con	VI	**	35	N. Easton	wi	Dec.5, 1963	7	10	105	95		D,S	clay 170; clay 180; gravel coarse sand 182. Water from 180 to 182. Topsoil 1; clay sand 45; sandy clay 60; clay 200; clay gravel
Gore		80		R.A. Mannen	F. Ince	Jul.24,1962	6	1	166	50		D,S	223; sand gravel 224. Water from 223 to 224. Old well 27; blue clay 154; limestone 166. Water at 162.
Gore				H. Stephenson		Jan.30,1960	7	3	230	40	Sulphur		Red clay 10; blue clay 30; ouicksand 134; limestone 235. Water at 230.
Gore Gore			26	Supertest 011 M. McCormick	F. Ince D. Thompson	Sep.4,1961 Feb.7, 1962	6 6∄	6 7½	150	25 130	Fresh Sulphur	C	Brown clay 4; blue clay 93; grey limestone 188. Water at 185.  Sand gravel 52; light brown sand 79; gravel blue clay 155;
GRE	Con III		3	J.H. Aitkin	C. Shentz	May 31,1961	7	20	129	1221	Fresh	D.S	brown blue gypsum 230. Water at 85, 185 and 221. Topsoil 1; boulders clay 28; grovel 74; gravel clay 76; silty
											5-11/2-12/2-12		sandy clay gravel 118; silty sandy clay 143; boulders clay 146; silty sandy clay gravel 171; dark grey rock 224. Water from
GRW	Con III	**	3	L. Grandine	W. Packham	Jan.19,1962	6	24	38	32	**	s	210 to 224. Old well 30;grey clay 118;gravel 120. Water at 119.
GRW	Con IV		3	K. Batchelor	Il Davis	Oct. 4,1960	7	13	38 85	32 65		D	Stones hardnan 125; quicksand 166; soupy clay 187; cement gravel 190. Water at 190.
Tusca Con	rora Twp.	lot	9	R. Brant	B. Helka	Oct.10,1960	5	50	5	5	Fresh	D,S	Brown clay 20; blue clay 55; brown limestone 61. Water from
Con			18	S.S.# 7	I. Davis	Sep.27,1960	2	16				P	59 to 61. Hard blue clay 67; hard gravel 69. Water at 68.
Con	I	**	19	J. H111	F. Ince	Jul.25,1963	6	10	48	5		D,S	Brown clay 20; blue clay 50; medium gravel 55. Water at 54.
Con		11	28	A. Steats	R. Swayze F. Ince	Jul.21,1961 Aug.11,1961	6	20 25	50 40	27	11	D P	Clay 40; clay gravel 86; grey limestone 93. Water at 90. Brown clay 3; grey clay 46; grey shale 48. Water at 47.
			٥	Six Nations Indian Affairs	41100	-ug - 11 , 1701		رد	40	20			prous oral Nertal oral anisted prote an ale

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

Lo	OCATION	ı	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST		T. ETUTET.	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RANT COU												
Tuscaror Con II	ra Two.	lot 25	Six Nation's	F. Ince	Aug.12,1961	6	10	67	30	Fresh	P	Brown clay 3; grey clay 71; grey shale 72. Water at 71.
Con II		* 30	Indian Affairs 3.3.# 3		Nov.23,1960	6	29	70	32		P	Brown loam 2; blue clay 78; grey shale 85. Water at 85.
Con III		* 30 * 19	S.S.# % Rev.B. Odendahl	R.Peatherstone	Nov.22,1960 Jun.13,1960	4	27 8	32 40 <del>1</del>	27 34 <del>1</del>	:	D	Brown loam 2; blue clay 61; grey shale 63. Water at 63. Yellow clay 17; blue clay 53; hardban 61; blue grey shale 67 water at 61.
Con IV		19 1	Cromar Const Dept.Indian	P. Ince I. Davis	Apr.30,1962 Dec.8, 1961	6	20 2	43 25	30 10		P P	Brown clay 5; blue clay 51; grey shale 63. Water at 60. Brown hardpan stones 45; limestone 65. Water at 63.
Con V		<b>"</b> 19	Affairs S.S. 6 Six Nations Office	F. Ince	Jun.18,1962	6	20	40	30		P	Brown clay 6; blue clay 38; shale 60. Water at 58.
Con V		<b>2</b> 4	T. Elliotte	J. Wickett	Dec. 5,1963	5	1	90	55	Sulphur	D,S	Brown clay 22; blue clay 45; gravel 69; gray limestone 90.
Con VI		• 4	W. John	D. Thompson	Jun.10,1961	4	3	25	15		מ	Water at 75. Yellow clay 18; blue clay 34; hardpen stone 42; shele hardpan gypsum 59; shale 60; brown limestone shale 68. Water from 67
RR		* 13	S. Green	J. Wickett	Oct.2, 1963	5	15	28	28	Fresh	D,S	to 68. Yellow clay 24;gravel 27;haripan 36;grey limestone 40. Wat at 37.
RR		* 21 * 25	A. Clench	F. Ince	Aug. 4, 1962	6	10	45 53	20	Gas	D P	Old well 17; blue clay 50; shale 51. Water at 50. Brown loam 2; blue clay 66; grey shale 68. Water at 68.
RR RR		7 27	S.S,# 10 R.C.Garlow	R.D.Featherstone	Nov.24,1960 Jun.23,1960	4	25 8	57	30 52	Fresh	D	Yellow clay 14; blue clay 84; blue clay stones 99; sand 102.
RR		* 34	J. H111	F. Ince	Jul.18,1960	6	6	90	58	*	D	Water at 99.  Dug well 25;grey shale 40;brown hardpan clay 93;medium gravel 94. Water at 93.
RR RB		* 44 * 55	E. Moses M. Jamieson	I. Davis	Sep.21,1962 Jun.24,1961	6	8 5	55 75	25 70		D,S	Dug well 30; blue clay 60; gravel 62. Water at 62. Blue clay 89; gravel 90; shale 100. Water at 99.
ence con												
Albemarl BRE Co		1ot 25	A. White	L.&A. Wright	Oct.26,1962	5	18	80	33	Fresh	D,S	Gravel 3; clay stones 27; grey limestone 118. Water at 60 an
BRE Co	n III	* 18 * 23	G. Cochran G. Tuffnal	R.&S. Wright	Oct.9, 1963 Apr.22,1961	4 4	10	24 15	5 5 3	:	D	Topsoil 2; grey limestone 24. Water at 20. Clay 4; brown limestone 36. Water at 32.
	on III	• 27	Col E.T.	D.Wright & Sons	Apr.14,1961	5	30	30	3	*	c	Clay 2; grey limestone 113. Water at 60 and 95.
BRE Co	n III	* 27	Pentecostal Assemblies		Apr.20,1961	5	30	35	4	*	P	Clay gravel boulders 12; brown limestone 108. Water at 60 and 100.
BRE Co	n III	• 28	C. Wader	R.&S. Wright	Oct.23,1961	4	2 1/2	50	5	*	D	Topsoil clay 12; grey limestone 35; blue limestone 57. Water at 57.
	on V	25	V.Ursaki W. Dodson	D. Wright &Sons	Apr.30,1960 May 7,1960	4	10	30	3	:	D D	Limestone 72. Water at 40. Limestone 76. Water at 40 and 72.
BRE Co	on V	* 25	J. Reid		Aug.1, 1960	4	15	35	1	:	D	Loam 1:grey limestone 58. Water at 50.
	on V	* 25	R. Roth G. Given	1	Sep.19,1962 Sep.23,1962	5	8	80	Flows		D	Grey limestone 65. Water at 60. Grey limestone 64. Water at 55.
	on V	* 25 * 25	R. Roth	•	May 1, 1963	5	10	35	11000		P	Loose layer limestone 25; solid limestone 64. Water from 50 to 60.
	on V	* 26 * 27			Jul.22,1963	5	5	67	4	:	D	Hardpan 10; hard limestone 67. Water from 40 to 65.
	on V on VII	* 27 * 32	G.Slingerland P. Pruder	•	Jun. 8,1962 Jul.27,1961	5	12	52	5 52	÷	D	Clay boulders 10; limestone 69. Water from 35 to 65. Clay boulders 12; grey limestone 60; brown limestone 72. Water at 68.
BRE Co	on VII	* 34	C. Whicher	•	Aug.15,1962	5	13	120	45	*	D	Previously drilled 70; brown limestone 100; blue shale 107; red shale 130. Water at 50 and 90.
	on VII	35 35	M.G.Bragshaw F.A.O.Banks	R.& S. Wright	May 26,1961 May 9, 1963	5 5	10	40	28	Salty	ם	Grey clay gravel streaks 80. Dry hole. Sand clay 5;blue hardpan 12;grey limestone 50;blue shale 5 red shale 60. Water from 55 to 60.

BRUCE CO						1		i i	ĭ .	î'		í	
ERE	Con VI	I lot	35	T. Riley	L.& A.Wright	Jun.20,1963	5	6	110	35	Mineral		Clay stones 80; gravel 105; red shale 110. Water at 105.
BRE	Con VI			Adamsville S.S	.D. Wright & Sons	Apr.13.1961	5	10	15 15 48	6	Fresh	P	Shale 9; grey limestone 92. Water at 86.
BRE	Con VI			T. Cunningham		Oct. 7,1963	4	10	15	10		D,S	Formerly drilled limestone 32; limestone 83. Water at 83.
BRE	Con VI	II "		A. Hepburn	L.& A. Wright	May 10,1961	5	10	48	21		D	Soil 62; white limestone 48. Water at 40.
BRE	Con VI	II *	33	W. Crawford	R.& S. Wright	Sep.22,1962	4	3	25	14		D	Topsoil 3; grey limestone 47. Water at 47.
BRE	Con VI	II "	34	Colpoy's Bay	D. Wright & Sons	Aug.13,1962	4	1	100	15	•	P	Clay 6; brown limestone 55; blue shale 60; red shale 115.
Cita				Cemetery	-								Water at 40 and 90.
BRE	Con XI		26	G. Gilbert		Oct.23,1962	51	10	32	30		D,S	Previously drilled 22; grey limestone 108. Water at 100.
BRE	Con XI	II "	11	J. Urbshott		Nov.29,1961	53	1	132	40		D,S	Topsoil 1: brown limestone 111; blue shele 117; red shale 135.
200							710						Water at 65 and 130.
BRE	Con XI	II "	24	C.H. Gilbert		Oct.31,1962	5	10	80	31		D, C	Topsoil 3; grey limestone 103; brown limestone 108. Water at
			1					1,000	-				103.
BRE	Con XI	V	23	D.D. Wright		Oct.15,1963	6	10	60	50		S	Topsoil sand clay 4; grey limestone 60; brown limestone 75.
2.00	20 0000					and the same arms from			6 - 2907			200	Water at 70.
BRE	Con XI	Λ	26			Jun.29,1963	5	1	150	100		ם	Hard white limestone 120; hard blue shale 150. Water at 43
				and the second									and 100.
BRW	Con I			R. Cleary	L.& A. Wright	Oct.17,1962	5	18	49	_20		D	Stones clay 41;dark rock 49. Water at 48.
BRW	Con IV			G. Filson		Jun.29,1963	5	6	72	Plows		מ	Sand 10; clay stones 40; limestone 72. Water at 60.
BRW	Con IV			M.O. Fisher	D. Wright & Sons	Jun. 9,1960		12	35	30		P	Sand 35; blue clay 40; grey limestone 78. Water at 70.
BRW	Con IV		18	D. Symons		May 24,1962	4	10	20	5		D	Sand 7; broken limestone 12; solid grey limestone 65. Water
							· ·				_		from 45 to 60.
BRW	Con IV			S. Hamilton		Aug.6, 1962	4	10	11	10		D	Sand 20; brown limestone 64. Weter from 50 to 60.
BRW	Con IV			J. Brokenshire		Aug. 22, 1962	4	10	20	12		D	Sand 12; brown limestone 64. Water from 50 to 60.
BRW	Con IV			J. Budge		Nov.1, 1960	4	12	12	6	-	D	Sand 6; grey limestone 60. Water from 50 to 55.
BRW	Con IV	*	19	C. Pescock		Apr.28,1962	5	72	70	25		D	Sand 15; broken limestone 28; solid limestone 91. Water from
5				Sec. Land	_		760						70 to 84.
BRW	Con IV			F. Bearman		Jun.2, 1962	4	10	25	5		D	Loose limestone 22; solid limestone 63. Water at 58.
BRW	Con IV			L. Lamb		Jun.12,1962	4	5	40	6		D	Clay 4; loose limestone 20; limestone 63. Water at 55.
BRW	Con IV			H. McNaught		May 13,1963	5	5	50	6		D	Sand broken limestone 15; limestone 65. Water from 40 to 60.
BRW	Con IV			J. Close		Dec.19,1960	4	12	10	6		D	Loam 3; brown sandstone 60; Water at 55.
BRW	Con IV			V. Rydell		May 15,1962	5	1	90	5		D	Sand 20; limestone 91. Water from 70 to 75.
BRW	Con V	*	12	H. Reis	R.& S. Wright	May 29,1962	4	20	25	15		D	Touseil 2; grey limestone 6; black hard limestone 101. Water
775-F-0-27	740 ISS	-			_							_	at 72 and 101.
BRW	Con V		12	R. Davis		Sep.29,1962	4	5	50	8		D	Topsoil 2; grey limestone 30; herd grey slaty limestone 83.
- Security			- 3		_	W a 40/4					_	-	Water at 83.
BRW	Con V		13	L.I.Hunter	-	Nov.2, 1961	4	15	10	Plows		D	Topsoil 1; grey limestone 60; hard dark limestone 90. Water at
		_				0.4.07.40/0	1.	_	1				60 and 90.
BRW	Con V	390	19	A.J. Tyson		Oct.25,1963	4	5	45	10	-	D	Stones hardpan 10; hard grey clay 34; hardpan stones 39; white
		-			5 0 1 1 1 5 C	W	- 10		6.0	2.0		-	limestone 40; grey limestone 833. Water at 83.
BRW	Con V	-	16		D. Wright & Sons	May 15,1962	4	10	40	10		D	Brown limestone 75. Water from 45 to 70.
BRW	Con V	•	20	J.m. mebb-Smith	R.& S. Wright	May 18,1963	4	2 }	80	10		D	Topsoil 2; white limestone 65; grey limestone 90. Water at 65
2211	C			n 131 - L	W. W. Townson	Tum 0 1060	-	-	4	-		D	and 90.
BRW	Con V	-	25	S. Adis &	H.M. Tyson	Jun.8, 1960	2	3	6	3		ע	Soft brown limestone 118. Water at 108.
222	C 11		-	Galloway	L.& A. Wright	Town 2 1044	5	12	50	2		D	Broken rock 6; white limestone 60; brown rock 80; white limestone
BRW	Con V		25	R.L. Cassels	L A. Wright	Jun. 2,1961	)	12	50	2		ט	
DDM	C 17		24	A. Warman	D. Watabe & Com-	May 30,1963		12	19	2		D	100. Water at 90.   Sand 8; grey limestone 72. Water at 65.
BRW	Con V				D. Wright & Sons L.& A. Wright	Aug. 18, 1962	5	12	70	10		D	
BRW	Con V	*	26		T. W. W. LIEUR		3	14	80	10		P	Soil 1; brown rock 94; blue rock 96. Water at 94.
BRW	Con V		8	A. Bennett		May 16,1963		18	47	4		D	Brown limestone 100; white limestone 135. Water at 120.
BRW	Con VI		8	C. Gollert	D Weight & Com-	Jun.11,1960		12	15	7		D	Loose stones 1; limestone 47. Water at 45.
BRW	Con VI		0	B. Hareman	D. Wright & Sons	May 1, 1962	)	12	15			D	Slaky rock 3; bedrock brown limestone 54. Water from 50 to 54.
						1							
Amabel	Twn		-			1							
Con A	rah.	lot	2	G. Robinson	R.& S. Wright	Sep.18,1962	5	15	50	10	Fresh	D,S	Grey clay small stones 18; boulders clay 38; fine sand stones 622.
COII A		100	£	a. monthean	man of wireing	56p.10,1902	,	1,	50	10	rresn	2,3	brown limestone 84. Water at 78.
-			2.4	Postnotes sim	ing the meanings of	legation abbas	wigtio	ne and	of orm	hole de	eigneting	11000	of wells may be found at the end of Appendix C.
			4,0	e, rootnotes giv	THE THE MENUITHER OI	TOURTION ADDR	ATALIO	na and	or same	nors de	PIRHACING	uses	or morre may be round at the end of Appendix o.

	LOCATION	X.		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY - c												
Con	A .	lot	10	L. Wormington N. Nicksson	D.Wright & Sons	Sep.18,1962 Nov.16,1963	5	10 10	13 5	12 4	Fresh	D D	Clay hordpan 27; gravel 30; brown limestone 121. Water at 115. Clay boulders 43; limestone 137. Water from 80 to 90 and from 130 to 135.
Con	В	•	19	Birchcrest Property Ass.	G.L.Davidson	Jun.5,1961	4	15	60	38	Sulphur	P	Topsoil 1; stony herdpan sand 14; boulders hardpan 182; sand gravel 183; hardpan 187; grey shale 199; grey hard rock 209. Water at 209.
Con	c	•	25	P. Čarson	D.Wright & Sons	Oct.13,1962	5	10	27	12	Fresh	D,S	Soft sandy clay 40; sand grovel 65; grey limestone 108. Water at 100.
Con	c	•	32	C. Smith		Jun.12,1962	4	1	90	40	•	D	Sand 25; hardpan boulders 60; brown limestone 103. Water from 80 to 90.
Con	D	10	4	E. Dickinson	•	Jun. 8,1960	4	6	80	30	*	D	Grevel stones 40; sand 60; quicks and 88; clay sand 101; hardpan boulders 174; gravel 176; quicks and 203; broken limestone 218. Water at 175 and from 210 to 218.
Con	D	* 2	25	M. Wagner		Jul.24,1961	5	10	30	20	•	C	Brown sand 30; clay sand 100; black gravel 106; brown limestone 120. Water at 115.
Con	D	<b>"</b> 2	6	J.D. Burnie	•	Jul.12,1963	5	7	22	12		C	Sand 12; soft clay 35; grevel 38; brown limestone 61. Water at 55.
Con Con	D	W	32	T. Harris R.Robinson F. Lenz	A. Loucks D. Wright &Sons	May 27,1963 May 18,1963 Jun.2, 1962	5 4 5	8 5 10	50 25 12	5 6 11	:	D D	Sand 20;clay 44;brown limestone 71. Water from 60 to 65. Beach sand 22;limestone 40. Water from 35 to 40. Sand 18;hardpan 28;limestone 59. Water at 35 and 55.
Con	D	•	34	L. Jahnke J. Gadden		Jul.20,1962 Jul.11,1960	4	10	20	6	Sulphur Fresh	C	Sand 28; brown limestone 60. Water at 40 and 55. Sand 12; brown limestone 48. Water at 40.
Con	D	•	35	A.W.Lapointe	R.& S. Wright	Jul.14,1960	4	15	15 8 30	10	116611	D	Sand 10; limestone 51. Water at 45. Shore sand 5; sand gravel 15; hard clay stones 28; grey limeston
Con				W.J. Butler T. Seaman	D.Wright & Sons	Apr.10,1961 Jun.17,1961	4	10	15	12		ם	39; blue limestone 66. Water at 66. Sand 25; grey clay 27; grey brown limestone 57. Water from 50
Con				R. Sparrow	L. &A. Wright	Apr.28,1960	5	10	53 <del>1</del>	10	Sulphur		to 55. Limestone 532. Water at 49.
Con	D		40	D. C. Roberts	2, 21, 11, 11, 11, 11, 11, 11, 11, 11, 1	May 24,1960	5	18	52 50 10	5 5 10	Fresh	D	Sand 4:stones clay 12:limestone 52. Water at 50.
Con				W.J. Bearinger E.B. Gash	D.Wright & Sons	Jun.7, 1960 Apr.15,1961	5	10	10	10		D	Sand 1; limestone 50. Water at 46. Brown limestone 75. Water at 45 and 68.
Con		*	41	D.J.Armstrong	R.& S. Wright	May 6, 1961	4	8	8	0	Sulphur	D	Sand 15; limestone 56. Water at 53.
Con				T. Leiznar	D. Wright & Sons		5	10	14	11	Fresh	D	Clay silty sand 14; brown limestone 50. Water at 45.
Con				J. Uffen G. Hunter	L.& A. Wright	May 28,1963	5	12	55	Flows 10		D	Sand 5; clay 15; dark limestone 55. Water at 50. Sand 8; brown limestone 84. Water at 80.
Con				O.R. Stewart	R.&S Wright	Jun. 7,1962 Jun. 6, 1961	4	10	5	124	Sulphur	D	Soil sand 2; grey limestone 63. Water at 61.
Con				H. C. McCallum	L.& A. Wright	Jun.6, 1961 Apr.24,1962	5	12	5 60			D	Soil 1; dark limestone 60. Water at 55.
Con				G. Budd T.M. Windsor	R.& S. Wright	Jun.16,1962	4	40	50	5		D D	Stones 2; limestone 60. Water at 56. Shore sand 6; clay 72; grey limestone 50; blue limestone 72.
Con	D		40	r.m. windsor		Jul.13,1961	*	)	60	10			Water at 50 and 72.
Con	D			F. Angus	D. Wright &Sons	May 17,1963	5	2	55	4	Fresh	D	Sand clay 18; limestone 65. Water from 50 to 60.
Con		*	46	B. Geddis	20200	Jun.17,1963	5	12	8	2		D	Clay stones sand 8; brown limestone 45. Water at 42.
Con				R. Brioux J. Mills	R.& S. Wright D.Wright &Sons	Jun.29,1963 Jul.4, 1963	4	15	18	18		D	White limestone 15; grey limestone 51. Water at 48.
Con				R.D. Hopkins	R.& S. Wright	Jul.3, 1963	12	10	20	Flows	Sulphur	D	Sand 12; brown limestone 55. Water at 50. Sand clay 5; grey limestone 35; white limestone 55. Water at
Con			49	P.M. Cook	L.& A. Wright	May 30,1960	5	12	401	2	Fresh	D	Sand 4; clay stones 12; limestone 412. Water at 37.
Con		**	49	G. Tyndall		Jun.3.1960	5	4	41	5		D	Sand 3; clay 7; limestone 41. Water at 38.
Con		*	49	G.M. Rahne	T. 17. 1	Aug.3, 1960	5	12	572	12	Sulphur	D	Sand 3; clay stones 10; limestone 57%. Water at 50.
Con			49	R. Allan J. Brooks	D. Wright & Sons	Jul.1,1961	4	2	20 50	6	Fresh	D	Previously drilled 22; grey brown limestone 63. Water at 55.
Con Whis	ky Island			T.D. Kennedy	R.& S. Wright	May 23,1963 Jun.20,1963	4	5 21/2	110	3	11	D	Sand clay 14; brown limestone 64. Water from 55 to 60. White limestone 20; light brown limestone 105; dark brown
Whis	ky Island			D. Cagey		Jun.26,1063	41	41	40	8	*	D	limestone 120. Water at 58. White limestone 20; brown limestone 45; blue limestone 63. Water at 58.

BRUCE COUNTY - cont.	
Amabel Twp cont.	
Con I lot 18 L. Cruickshank G.L. Davidson Jun.5, 1962 4 16 50 40 Fresh D Sand gravel 78; clay 94; stony hardpan 152; sand 194; brown limestone 198; buff limestone 223. Wa	
Con VI	r at 40.
limestone 75;dark grey limestone 80. Water at	
Con IX " 14 D. Blythe "   Jul.6, 1962 5   10   8   8   "   D   Hardpan 57; dark limestone 73. Water at 68.	
Con IX " 15 A. Forbes " Aug.14,1961 5 15 30 20 " D,S Sandy clay 30; gumbo clay 60; large stones grave sendstone limestone 138. Water at 100 and 130.	
Con IX " 16 R. McComb " Dec. 27, 1963 4 5 35 22 " D.S Sand 55; jumbo clay 96; limestone 180. Water fro	m 168 to 172.
hard limestone 164. Water at 68 and 164.	
Con XII	
Ottewell R.&.S. Wright Jun.23.1960 4   15   30   15   "   P   Previously drilled 32:grey limestone 93. Water	from 40 to 90.
Con XX	
On XX " 15 J. Service " Aug. 12, 1960 4 12 30 5 " D Gravel boulders 8; limestone § 2. Mater at 47.	
Con XX " 15 T. Clarke " May 3, 1961 4 10 10 6 " D Clay 4; brown limestone 52. Water of 48.	
Con XX	L.
Con XX 15 E. Faubert	
Con XXI " 1 H.W. Youch R.& S. Wright Jul. 18,1960 4 5 50 15 " D Topsoil 5; sandy clay 25; hardpan stones 38; hard	
Con XXI " 1 7 Connors D. Wright & Sons Oct. 27.1962 5 2 75 18 " D Clay gravel send 68; limestone 83; Water from 7	
Con XXI " 1   Connors   D. Wright & Sons   Oct.27,1902   5   2   75   10   D   Clay gravel sand co; limestone of: water from /	
Con XXI	
On AXII " 22 A. Perry " Oct.27,1960 4 3 60 6 " D Gravel Sherdoan 22;grey limestone 135, Water	
On XXIII " 3 B. Watson L.& A. Wright Oct.16,1961 5 2 70 15 " D Broken rock 15; llmestone 70. Water at 65.	
Con XXIII " 6 C. Ebbles R.& S. Wright Jun. 16, 1961 5 5 45 40 " In Hard grey limestone 52; hard blue limestone 86.	Water at 80
Con XXIII  * 22 E. Roberts D. Wright & Sons Jun. 12, 1963 5 5 18 8 * D Clay stones 10; limestone 70. Water from 40 to	65.
On XXIII " 22 W. McMann " Jun. 15;1963 5 5 20 8 " D Clay stones 8; limestone 70. Water from 45 to 6	
Con XXIV " 19 W. Moore R.& S. Wright Aug. 22, 1961 4 10 15 5 " D White limestone 201. Water at 20.	
Con XXIV " 26 A. Thompson " Oct.ii,1961 5 10 2 " " D Sandy silty clay 17; rown limestone 60. Water	
Con XXIV " 26 J. Newey R.& S. Wright Aug. 14, 1962 4 20 25 3 " D Fine shere sand 16; stones grey clay 22; grey 11	mestone 30.
Con XXV " 2 T. Knight D. Wright & Sons Oct.15,1960 5 2 115 40 " D Clay 5; limestone 105; blue shale 112; red shale from 60 to 70.	125. Water
On XXV " 28 L.W. McCleery L.& A. Wright May 10,1960 5 18 99 6 " D Limestone 99. Water at 90.	
ORN Range II 49 D. Hill D. Wright & Sons Jun. 16,1960 4 6 60 6 " D Topsoil 6; grey limestone 71. Water at 65.	
ORM " II" 58 P. Ottewell " Sep. 13, 1960 4 10 12 6 " D Loam 1; limestone 51. Water at 45.	
OTP W.T. Preston   H.M. Preston   Apr. 28, 1961   1   10   Flows "   D   Sandy clay 21; bedrock 105. Water at 45.	
OTF J. Buchanan R.& S. Wright Aug. 5,1962 4 10 80 15 " D Shore sand 12; stones sand 18; fine sand clay 3:	; hlue clay
stones 40; grey limestone 103. Water at 103.	
OTP F. Windsor D. Wright & Sons Aug. 15, 1962 4 10 12 6 " D Sand clay 12; brown limestone 58. Water from 50	
orr D. O'hourke " Jun.10,1902 5 5 2 D Sand of Clay 20; gravel 25; brown limes tone 50.	water from 48
OTP NE lot 1 J.A.Buchanan L.& A. Wright May 26,1960 5 5 55 5 " D Sand 4; clay stones 13; limestone 55. Water at 3	0
OTP NE lot 1 J.A.Buchanan L.& A. Wright May 26,1960 5 5 5 5 " D Sand 4; clay stones 13; limestone 55. Water at 3 OTP NE " 1 W.A. Gingell D. Wright & Sons Jul.16,1960 4 10 20 1 " D Sand 8; hardpan 26; grey limestone 80. Water from the stone 80. Wa	m 65 to 75.
OTP SR " 1 R. McSkinning L.& A. Wright Apr.28,1962 5 4 60 0 " D Sand 12; limestone 60. Water et 50.	/ / / •
OTP SE " 2 G. Smetsinger " May 21,1960 5 5 61 6 " D Sand 4; clay stones 12; limestone 61. Water st	
OTP SR " 2 S. Holland D. Wright & Sons Jun. 13, 1963 5 12 20 3 Sulphur D Sand 4 hardban 15; brown bedrock 60. Water at	b.

H. Horton R.& S. Wright Aug. 5, 1960 4 10 20 10 Fresh D Topsoil 10; hard clay stones 20; grey limestone 47; blue limestone 80. Water at 80.

	LOCAT	ION '		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY - Twp.			E. Wolfe	Durham Drilling	Jun.19,1963	4	20	25	16	Presh	D,S	
					Enterprises Ltd.								stones sand 139; brown rock 145; grey limestone 164. Water at 150, 156 and 162.
Con		•	20	B. Clements	L.H. Weirmier	Aug.12,1960		7	20	7		D,S	rock 71. Water at 71.
Con Con			19 26	H. Wark C. Prescott	R.& S. Wright	May 24, 1961 Nov.28,1963	5	75	48	1 12		D,S D,S	limestone 75. Water at 45.
Con	V	*	30	B. Ball	L.H. Weirmier	Apr.12,1961	4	3	87	74		D,S	rock 134. Grey rock 199. Water at 199.
Con			26 31	G. Dix A. Silverthorn	G.L. Davidson  R.& S. Wright	Peb.20,1960	5	6	144	59	•	D,S	Stones hardpen 36; sand gravel 54; stones hardpan 78; sand gravel 98; red shale 108; grey limestone 134; brown limestone 148; grey limestone 182; light brown limestone 249. Water at 249.  Brown sandy soil 30; grey clay stones 45; grey sand clay stone
													66; grey limestone 90; blue limestone 115; grey limestone 130; brown limestone 165. Water at 80 and 115.
Con		•		H. Armstrong J.A. Neil		Jul.18,1962 Oct.24,1963	5	2 5	75 127	23 <del>1</del> 36	•	D D,S	Old well 20; limestone 68; white limestone 85; Water at 55. Brown sandy soil 6; grey clay stones 40; grey sand stones 45; grey limestone 100; blue limestone 110; brown limestone 135.
	VIII		27	H. McDougald		Dec.10,1963	5	15	26	26		D,S	
Con	IX		33	A. Gingrich	•	Aug. 21,1963	5	15	100	30		D,S	limestone 99. Water at 80. Old well 32; stones blue clay 50; grey limestone 80; blue
Con		**	10	R.G. MacNab	G.L. Davidson	Aug.17,1960	4	5	170	75		D	limestone 124; brown limestone 132. Water at 80 and 128. Sand gravel 73; clay 143; herdpen 237; sand gravel 253; grey room
Con	XII	•	35	E. Robinson	R.& S. Wright	Sep.15,1962	4	5	80	50		D	270; white rock 317. Water at 317. Topsoil 6; hardpan stones 18; gravel boulders 49; grey limeston
ILS			21	T.L. Craig	•	May 12,1962	5	18	39	15		P	72; blue limestone 105. Water at 102. Sandy soil 6; sand stones 35; grey clay 41; brown limestone 60
ILS ILS			24 27	C. Beatty R.& E. Chebott	D.Wright & Sons R.& S. Wright	Sep.24,1962 Jul.11,1963	5	10 9	14 52	8 18	:	S D	white limestone 95. Water at 60 and 91. Clay 2;brown limestone 102. Water at 98. Sandy soil 18;grey clay 48;rock 50;grey clay 53;limestone 60 Water at 68.
ILS		*	28	E. McCullough	•	Jul.26,1963	5	15	100	20		D	Old well 13; stones sand 30; silty clay stones 58; grey limest
ILS		•	31	J. Morrow	•	Sep.28,1961	5	8	90	15		D	130; brown limestone 174. Water at 130 and 170. Old well 28; hardpan 40; grey clay stones 65; boulders 70; hardpan clay 81; white limestone 109. Water at 109.
rent		****			Dunban Dulil	0-4 10 1041	4	10			Parak	-	Chan about 25 band area week 50. Materials 60
Con		101	23 24	J. Raper J.D. Webb	Durham Drillers E.A. Keeso	Oct.12,1961 Aug.3, 1963	4	10 15	15 38	36	Fresh	D D	Clay stones 25; hard grey rock 70. Water at 68. Dark brown limestone 126. Water from 95 to 104 and from
Con	В	190	2	C. Abell	•	Sep.4,1962	4	20	42	36	Sulphur	D,S	120 to 126. Old well 26; clay sand 74; clay stones 91; sand boulders 106;
Con	В		5	W. Abell	•	Aug.17,1963	4	10	8	Flows	Fresh	D,S	brown shale 114; hard grey limestone 176. Water from 173 to Gravel hardpan 20; clay gravel 49; gravel 71; brown shale 83;
Con	В	*	13	H. Clark	Durham Drillers	Dec.20,1961	4	15	60	40	*	C	grey limestone 96. Water at 96. Topsoil 1; brown clay 15; sand 37; light brown clay 53; brown
Con	II	•	65	PUC Hanover	International Water Supply Ltd.	Aug.29,1961	22	112	42	81	•	P	limestone 110. Water at 90, 100 and 105. Clay sand 6; send 13; clay silt 25; clay 34; sand gravel 50; gravel sand 55; sand gravel 68; gravel sand boulders 71; gravel sand 74; packed sand 78; sand gravel boulders 110; sand gravel clay. Water at 6 and 34.

Bra	nt	Twp		cont.											
Co	n I	(A)		lot	3	H. Chesney	E.A. Keeso	Nov127,1961	4	12	29	28	Fresh	D,S	Brown clay 24; clay sand boulders 53; grey shale 68; grey limestone 163. Water from 138 to 163.
Co	n V	7II		•	5	Camp Cherith	Durham Drillers	Jul.12,1961	4	6	55	23	₩	P	Topsoil 1; clay 10; fine sand gravelly streaks 45; send 95;
Co	n V	7111	ľ		14	B. Caslick	*	Peb.9.1962	4	12	80	58		D,S	gravel 100;brown limestone 153. Water at 152. Topsoil 2;clay l0;clay boulders 25;sand 60;gravel 90;clay sand 162;grey hard rock 188. Water at 170 and 180.
Co	n X	(I		•	1	A. Scott	E.A. Keeso	Sep.7,1963	4	15	38	36	•	D	Brown sand 43; brown clay 71; brown shale 80; brown limestone
Co	n X	(I			31	E. Weppler	L.H. Weirmier	Aug.1,1960	4	9	Plows	Plows		D,S	82. Water from 80 to 82.  Red clay 20;grey clay 120;stones grey clay 135;sand gravel 140;gravel. Water at 140.
Co	n X	CI			34	G. Miskie	Pratt Bros	Oct.14,1963	4	10	7	2		D, C	Sand gravel 6; clay hardpan boulders 65; grey hardpan 91;
	n X n X			:	1 21	E/ Forbes C. Rhody	L.&A. Wright Durham Drilling & Enterprises	Aug.2,1962 Jun.15,1963	5	10 20	80 52	11 40	*	D,S D,S	grey black limestone 114, Water at 114, old well 25; clay 105; gravel stones 131. Water at 130. Topsoil 2; brown clay 20; stony hardpan 60; gravel stones 85; clay 88; gravel 98; hard brown limestone 130. Water from 120 to 128,
C <sub>0</sub>	n X	CA			16	C. Fortune	G.L. Davidson	Jul.31,1963	4	12	60	53	•	D,S	Clay 4; sand gravel hardpan 58; ouicksand 72; hardpan 137; sandy gravel 143; dark brown black hard shale 156; bluish brown hard
DR	N C	Con	I	*	17	Walkerton Golf	•	Jan.3,1961	10	200	91	8		Ir	shale 172. Water at 172. Fill 2; sand gravel 16; brown soft shale 112. Water at 112.
DR	n c	Con	I	×	19	Course P.U.C. Walkerton	•	Nov.30,1962	10	200	72	18		P	Silty clay stones 8; sand 14; blue clay 24; sand stones 28; light brown soft shale 46; light brown soft limestone 58; medium soft dark brown limestone 72; light brown medium soft
															limestone 88;dark brown hard limestone 89;blue brown hard
67 DB	N C	<b>o</b> n	I	*	21	Ont.Dept. of Highways	Durham Drillers	Oct.4,1961	4	7	60	54		P	limestone 90. Water from 58 to 90. Clay 20; sand 33; clay stones 45; hard clay 105; brown limestone 180. Water at 165 and 176.
DR	N C	on	I	*	34		E.A. Keeso	Jul.29,1960	4	10	20	16		D	Brown clay 22; gravel clay 31; blue shale 36; blue limestone 482. Water at 48.
		<b>o</b> n			2	L. Wilhelm	G.L. Davidson	Jun.13,1961	4	6	75 40	51		D,S	Fill 1; hardpan 8; shale 28; hard brown rock 84. Water at 84.
DH	N C	on	III	•	5	H. Bowern	Durham Brilling & Enterprises	Oct. 9,1963	4	12	40	30	•	In	Topsoil gravel boulders 15; sand gravel 30; sand clay 45; clay shale 60; brown rock 80; grey rock 133. Water from 90 to 125.
DR	N C	20n	III	•	16	W. Wilson		May 19,1963	4	18	100	65	•	D,S	Topsoil 20; gravel stones 40; yellow sand 100; soft brown clay 140; soft gray gravelly clay 200; soft gray clay 250; hard gray clay 300; sandy gray clay 320; gray sand 325; brown gravel 331.
DR	N C	Con	111		49	0. Inglis	•	Oct.22,1963	4	18	110	81	•	D,S	Water at 310 and 330. Topsoil 4;stony clay 10;soft clay 15;sand 110;clay 150;soft stony clay 200;sand gravel 220;grew clay 250;sandy clay 265; sand gravel 271. Water from 265 to 271.
DR	s c	<b>ò</b> n	I		51	H. Lorenz	-	Jul.27,1962	4	10	Flows	Flows	Sulphur	N	Topsoil 2; sand 15; blue clay 160; fine sand 304; dark brown rock
DR	s c	<b>o</b> n	I	*	57	H.Riddering	R.H. Gadke	Sep.8, 1960	5	8	40	40	Fresh	ם	338. Water at 335. Sand 12;brown clay 118;dirty shale 152;grey limestone 205. Water at 187.
DR	s c	on	I		60	A. Grove	Durham Drillers	Jun.28,1962	4	15	15	5	•	D	Topsoil 10; gravel clay 45; stones boulders 62; brown limestone
DR	s c	on	II		11	T.A. McNeill	E.A. Keeso	Sep. 9,1963	4	15	62	62		D.S	94. Water at 92. Dark brown topsoil 3; clay gravel 46; sand 110; hardpan 196;
									~						clay gravel 215; red silt 282; hard brown shale 296; soft blue
DR	s c	ъ'n	II		25	G. Gissing	G.L. Davidson	Dec.16,1961	4	6	183	174	•	D,S	118; sand 147; soft brown shale 174; brown rock 207. Water at
DR	s c	on	III		5	W. Flach	E.A. Keeso	Apr.16,1960	3	12	60	58		D	207. Old well 99; hard grey limestone 104. Water at 104.
DR	s c	on	III		21	N. McDonald	G.L. Davidson	Jan. 12, 1962	34	10	55	40		D	Sand gravel 26; brown hard shale 40; hard "lue rock 68; soft blue rock 90. Water at 90.
DR	s c	<b>o</b> n	III		25	W.A. Thompson	10	Aug.14,1961	4	10	40	24	•	D	Sand gravel 4; sand 20; hardpan 23; sand gravel 46; hardpan 52; shale 59; hard brown rock 79, water at 79.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

Loca	ATIO1	<b>1</b>		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BUCE COUNTY Brant Twp. DRS Con II	- 00	nt.	- 1	L. Pisher	E.A. Keeso	Jun.27,1960	4	14	58	54	Fresh	D,S	Gravel clay 42; gravel sand 58; sand 121; gravel sand 124; brown
DRS Con II				J. Fell.	G.L. Davidson	Feb.4, 1963	4	8	41	26	*	D,S	shale 131;blue shale 132;blue limestone 148. Water at 140. Topsoil 1; clay 25;hardban 48;clay 54;stony hardban 74;gravel hardban 100;shale clay 119;brown blue hard rock 142. Water a
DRS Con II	I	•	63	I. Benniger	ii.	Peb.7,1963	4	15	30	26	•	D,S	142. Gravel 14; brown shale 28; brown blue hard rock 57. Water at 5
Bruce Twp. Còn I Con I Con I			A A A	M. Campbell A.C. Trickey W. Gee	G.L. Davidson Durham Drillers G.L. Davidson	Apr.25,1961 Aug.14,1961 May 8, 1963	4 4 4	8 4 7	39 65 40	0 24 0	Presh	D D D	Topsoil 1; stones 16; shale 32; brown rock 102; Water at 102. Hardpan 12; shale 40; limestone 84. Water at 82. Stones sand 14; brown hard shale 33; brown hard limestone 84. Water at 84.
Con I		*	E	C. Moore		Jun.21,1960	4	15	70	60		D,S	Clay 18; gravelly hardpan 36; soft clay 76; hardpan 97; clay shale 130; brown rock 152. Water at 152.
Con I			6	Ont.Dept.of Highways		Mar.29,1963	4	10	50	45	*	P	Blue clay 52;quicksand 62;blue clay 76;sand clay 122;hardpan 154;sand 156;stony hardpan 196;dark brown hard limestone 231
Con I		•	26	E. Colwell		Jun.29,1961	4	9	48	40	•	D,S	Water at 231. Clay 42; fine sand 106; quicksand 142; fine sand 212; medium san 217; brown shale 231; hard brown rock 259. Water at 259.
Con I		•	35	J. Pitzsimmons	Durham Drillers	Jun.30,1961	4	12	50	40	*	D,S	Topsoil 1; clay 5; sand 30; brown clay 48; grey clay 116; sand gravel 190; brown limestone 214. Water at 210.
Con II		•	5	Ont.Dept. Of Highways	C.Goodberry Well Drilling Ltd.	May 12,1961	6	20	60	35		P	Clay 53; clay gravel 64; hardpan 198; limestone 2444. Water at 225.
Con IV		•		H. Sparks	G.L. Davidson	Aug.14,1961	4	6	80	34	•	D,S	Clay 170; sand gravel 174; clay shale 214; grey rock 265. Water at 265.
Con VI		•	A	R.P. Riggin	•	Oct.1, 1963	4	3	100	٥	*	D	Clay 4;marl bog 8;sand gravel 28;stony herdpan 34;sandy gravel 52;herdpan 64;brown soft shale 71;brown limestone 135. Water at 135.
Con VIII			c	L. Davey		May 15,1963	4	7	Flows	Flows	•	D	Sand gravel 5; stony herdpan 24; brown hard shale 34; brown ha: limestone 46; hard dark brown limestone 88. Water at 88.
Con X		•	32	C.A. Thornburn	*	Sep. 6,1962	4	12	70	53		D,S	Clay 18;gravel hardpan 52;ouicksand 82;coarse sand 114;brown hard rock 136. Water at 136.
Con XIV		×	17	D. Jeffrey		Aug.21,1961	4	12	20	6	*	D,S	Clay 35; gravel 40; clay sand 111; shale 118; brown rock 133. Water at 133.
LR		•	1	G. McNell & W. Menzies		May 30,1960	4	15	24	8	*	D	Gravel houlders 8; shale 33; brown rock 58. Water at 58.
LR		•	1	C. Moore	•	Nov.10,1961	4	10	32	14	•	D	Topsoil 2; brown hard shale 36; brown hard limestone 83. Water at 83.
LR		•	1	E.J. McKinnon	*	May 30,1962	4	16	20	8		ם	Sand 1; sand dirty gravel 9; soft shale 18; brown very hard limestone 86. Water at 86.
LR		•	2	S.M. Kilmer	•	May 20,1960	4	15	26	13	•	D	Sand 5; sandy gravel 19; shale 34; grey hard limestone 92.
LR LR		:	2 2	W. Campbell Carter Gallo- way & Barr	:	Jun.4,1960 Jun.27,1960	4	12 15	20 20	11 14	:	D D	Stones gravel 9; grey shale 34; brown rock 108. Water at 108. Stones 2; gravel boulders 8; shale 32; brown rock 91. Water at 91.
LR		•	9	way a parr	•	Jul. 4,1960	4	15	37	18		P	Sand 5; hardpan 24; gravelly hardpan 46; gravel fine silt 60; shale 82; brown rock 131. Water from 126 to 131.
LR			9	•	D.Wright & Sons	Mar.31,1963	5	12	18	12	•	P	Sand 12;gravel boulders 50;brown limestone 120. Water at 60 and 115.

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	COUNTY Twp		•										
LR	iwp	lot	18	Ont.Hydro Elec- tricPower Comm	G.L. Davidson	Jun.13,1960	6	48	28 <del>1</del>	9	Fresh	P	Small limestones soil 4; light brown limestone shale 12; brown hard rock 27; dark brown herd rock 74; light brown hard caving
LR		*	58	A.G. McArthur	•	Jul.11,1960	4	7 <del>1</del>	55	15	•	D	rock 77. Water from 74 to 77. Sand 10;hardpan 29;stony hardpan 40;loose rock 49;grey hard rock 135. Water at 135.
Cape	Croker												*
ER	on I	lot	34	G. Johnston	D. Wright & Sons	Jan.21,1961	5	3	60	12	Fresh	ם	Topsoil gravel 14; shale 40; blue shale 40; red shale 55; black
ER (	Con I		34	A. Johnston	•	Nov.30,1960	4	5	30	30	*	מ	rock 60. Water at 55. Gravel 24; clay 30; blue clay 37; shale 45; blue clay shale 50;
ER (	on IV		11	Dept. Indian	•	Sep.18,1963	7	10	14	3		P	red shale 55. Water from 45 to 55. Loose shale 3; bluish limstone 35; blue shale 45; red shale 58;
	on I on II	:	35 37	Affairs L. Johnston R. Akiwenzie		Nov.22,1960 Sep.28,1963	5 7	4 1	38 29	12 12	:	D,s	Water from 35 to 45. Gravel 12; shale 28; blue shale 38. Water at 28. Grey shale 20; blue shale 30. Water at 18.
Carri	ck Twp.												
Con			11	N. Reinhardt	E.A. Keeso	Jun.24,1963	4	14	54	36	Fresh	D,S	Topsoil 3; brown clay 28; gravel clay 39; brown shale 87; gravel said 112; shale 158. Water from 202 to 227.
Con	A		19	F. Schnurr	Water Well Drilling	May 30,1963	4	8	40	40	•	D,S	
69 Con	A		23	A. Steffler		May 8, 1963	4	8	23	23	•	D,S	Topscil 2; gravel 30; hardpan 60; gravel boulders 139; brown limestone 156. Water at 155.
Con	A		29	G. Keip	G.L. Davidson	Dec.6, 1963	4	14	20	4		D	Dry well 6:sravel stones 12; brown herd shale 27; stones hard clay 39; bluish grey soft sandy clay 101; grey hard clay stones 104; greyel 112; brown caving shale 114, Water at 114.
Con	В		12	E. Haelzle	E.A. Keeso	Oct.2, 1962	4	12	48	43	•	D,S	Clay send 42; clay stones 67; hardpan 71; boulders hardpan 92; shale 114; hard grey rock 138. Water from 133 to 138.
Con	В		26	L. Weber	Water Well Drilling	Dec.7,1962	4	8	40	26	•	D,S	Fill 7; clay gravel mixed 70; loose brown limestone 80; hard brown limestone 111. Water at 109.
Con	В		28	L. McIntee	E.A. Keeso	Sep.8,1960	4	12	50	36		D,S	
Con	C		13	S.S.# 1		Aug.13,1960	4	14	16	8	•	P	Clay 11; gravel clay 19; brown shale brown limestone 28; hard white limestone 93. Water at 93.
Con		:	15 9	J. Schmidt C. Schmidt	G.L. Davidson	Sep.13,1962 Nov.15,1963	4	10 7	40 88	22 44		D,S D,S	Dug well 25prown shale 56; limestone 115. Water at 115. Topsoll 1; hardpan 12; stony gravel 15; hardpan clay sand 146; brown soft shale clay 161; brown medium hard rock 179. Water
Con	D	*	31	L. Weber	E.A. Keeso	Sep.13,1962	4	14	3	1	•	С	at 179. Gravel stones 38; brown shale 49; soft limestone 72; hard
Con	II		21	Dr. Morley		May 24,1960	4	14	17	14		8	limestone 102. Water at 102. Gravel clay 38;gravel boulders 56;brown shale 73;brown blue
Con	III		30	L. Grubb	•	Jun. 7,1962	4	13	23	21		D,S	
Con	٧		25	H. Schaefer	•	Aug.17,1961	4	14	15	14	•	D,S	
Con	VI		1	W. Diemert	G.L. Davidson	Oct.5, 1960	4	10	36	16	•	D,S	
Con	VI	•	21	N. Keuster	E.A. Keeso	Aug.9, 1961	4	9	34	24		מ	111. Dug well 24; clay 26; shale 33; herd grey limestone 84. Water at 84.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC		USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY . Carrick Twp. Con VII		ıt.	S. Reutz	G.L. Davidson	Sep.20,1960	4	10	76	61	Fresh	D,S	Gravel 20; hardman 68; stony hardman 76; shale 118; hard dark
Con VII		-	J. Ruetz	•	Mar.5, 1963		10	95	56	•	D,S	rock 135. Water at 135.
Con VIII		7	W.J. Lewis	E.A. Keeso	Oct.28,1960	4	14	36	34	•	D,S	137 and 154. Hardpan 26;gravel 31; shale 34; hard white limestone 87. Water at 86.
Con VIII	•	27	C.L. Weber		Jun.30,1961	4	14	36	34	•	S	Gravel stones 31; grey boulders sand 58; gravel stones 72; sand 140; blue shale 151; blue limestone 152. Water at 152.
Con VIII		28	E. Losch	ii e	Jun, 17, 1961	4	14	28	27		s	Gravel 31; sand boulders 46; coarse grevel 84; stones sand 96;
Con IX	•	7	F. Bross	G.L. Davidson	Aug.16,1963	4	11	30	19		D,S	blue shale have limestone 116. We'er at 116. Topsoil 1; sandy clay 9; gravel 19; brown shale 42; brown white rock 107. Water at 107.
Con X		31	A. Gebhardt	E.A. Keeso	May 9, 1962	4	12	17	16	•	D,S	Dug well 32; sandy clay 58; brown sand 118; blue shale 122; blue limestone 129. Water at 129.
Con X	•	32	N. Gebbardt	*	Jan.7, 1963	4	5	61	21	•	D,S	Dug well 17;soft clay 62;sand 109;sandy gravel 127;blue shale 136;hard blue limestone 287. Water from 261 to 287.
Con XI		12	L. Russworm	Water Well	Sep.20,1962	4	8	55	11		D,S	Fill 8; brown quicksand 60; mixed clay gravel 130; mixed sand
Con XII		8	J. Witter	Drilling Durham Drillers	Nov.18,1960	4	10	60	52	•	D,S	Clay 167; blue shale limestone 216. Water at 215. Topsoil 4; brown sand 12; grey clay 97; fine sand 144; brown
Con XII		12	E. Schaus	E.A. Keeso	Sep.19,1960	4	13	12	5		D,S	
o con XIV		30	A. Oberle		Dec.23,1963	4	41/2	90	61		D,S	blue shale 120; blue limestone 124. Water at 124. Brown clay 14; grevel clay 37; brown shale 71; brown limestone
Con XV		10	E. Pletch	Durham Drillers	Nov.1, 1962	4	21	35	24	•	D	138. Water at 124. Gravel 4;soft clay 20; sandy clay 40; sand 45; brown rock 62.
Con XV	•	28			Nov.26,1960		8	65	53	•	D	Water at 50 and 60. Dug well 15;gravelly stones 57;gravel 59;clay stones 70; rock 77;brown 11mestone 102. Water at 100.
												Total Principal Principal Co. 1995
Con A	101	: 18	C. Bohnert	Water Well Drilling	Sep.19,1962	4	8	42	40	Fresh	D,S	Topsoil 3; clay hardpan 43; gravel boulders 134; brown limestone 174. Water at 174.
Con A	*	22	H.Weishar & E. Meyer		Now.6, 1962	5	10	36	36	*	D,S	
Con A		26		•	Oct.10,1962	4	8	36	36		D,S	Topsoil 5; gravel boulders 105; brown limestone 159. Water at
Con A		28	Weiler Lumber		Nov.16,1962	4	10	25	25	•	D	Topsoil 4; grey limestone 10; brown limestone 46. Water at 46.
Con III	*	21	M. McAllister	G.L. Davidson	Jul.11,1963	4	12	40	24	*	D,S	Clay hardban 22; sand 27; hardban 30; white shale 44; brown rock
Con IV		17	A. Whytock	R.H. Gadke	Oct.13,1961	4	8	22	22		D,S	
Con IV Con VII	:	21 6	B. Armstrong O. Kreutzwiser	E.A. Keeso	Sep.23,1960 Sep.19,1961	6	8 14	18 34	18 30	:	S D,S	
Con VII	•	20	J. Reid	G.L. Davidson	Oct.27,1961	4	15	32	23	w	D,S	
Con VIII	•	19	A. McDonald	•	Mar.15,1963	4	10	33	9		D,S	
Con X		34	M. Wall	R.H. Gadke	Oct.27,1960	4	10	7	7		D,S	78; brown medium hard limestone 105. Water at 105. Leose top clay 22; hard brown limestone 77. Water at 77.

BRUCE COUNTY .									, ,		
Con XI	lot 18	K. Grant	G.L. Davidson	Oct.7,1960	4	8	58	40	Fresh	s	Topsoil 1; fill 4; gravel 22; hardpan 48; sand gravel 75; hardpan 96; shale 105; brown rock 149. Water at 149.
Con XII	" 13	H. Davis	•	Mar.16,1961	4	7	78	58		D,S	Topsoil 1; stony gravel 30; hardpan 87; shale 110; brown rock 155. Water at 155.
∞n XIII	* 3	N. Bennigar	E.A. Keeso	Peb.19,1963	4	12	60	59	•	D,S	
Con XIII	* 13	W. Gutscher		Jul.10,1962	4	15	38	37		D,S	
Con XIV	<b>*</b> 19	Bruce Brick & Tile Co.	G.L. Davidson	Oct.23,1961	5	20	32	10	•	С	Grevel sand 8; sand 18; sand gravel quicksand 68; brown shale 76; dark brown hard limestone 96; brown soft limestone 106. Water at 106.
Eastnor Twp. BRE Con I	lot 26	A. Lemcke	L.& A. Wright	Jul.8, 1961	4	6	127	6	Fresh	D,S	
BRE Con II	* 5	M. Hayes		Oct.3, 1960	5	12	70 18	15		D,C	at 80 and 125. Soil stones 5; limestone 70. Water at 60.
BRE Con II	<b>"</b> 19	School Area	D. Wright & Sons	Aug.26,1963	5	18	18	42		P	Brown clay 25; sand clay 85; brown limestone 124. Water at 110 and 117.
BRE Con II BRE Con II	* 20 * 21	D. Nixon C. Blacklock	L. & A. Wright	Jun.28,1962 Dec.18,1962	5	8 21 31	125 130	8 10		D,S	Clay 81; limestone 125. Water at 116. Clay 41; white limestone 130. Water at 60.
BRE Con II	* 25	D. McArthur	R. & S. Wright	Jun.14,1962	4	3 2	70	15		Ď	Topsoil 2; grey limestone 35; blue limestone 56; grey limestone 78. Water at 78.
BRE Con II	" 26 " 29	P. Bain C.L. Williams	D. Wright & Sons S. & O. Wright	Sep.10,1963 May 16,1961	5	5 10	30 5	12	**	D	Loose rock 18; hard rock 70. Water at 65. Grey clay stones 14; grey limestone 37. Water from 30 to 37.
BRE Con III	* 6 * 26	H. Lawheed W.A. Bridge	L.& A. Wright	Oct.31,1960 Jul.25,1961	4	5	70	22	*	D,S	Clay stones 8; grey limestone 90. Water from 55 to 75. Soil broken rock 3; white limestone 60. Water at 55.
BRE Con III BRE Con V		J. Shaw Rev.L.B. Reese	D. Wright & Sons		5	12	15	113	# Sulphur	D	Grey limestone 59. Water at 54. Stones dirt 4;grey limestone 38;layers hard blue shale 43;
BRE Con V	" 34	A. Ryder	D. Wright & Sons	Nov.18,1963	5	10	13	12	Fresh	D	hard blue limestone 91. Water at 37. Shore gravel 8;grey limestone 65;blue shale 71. Water from
BRE Con V	* 36	L. Rawlings	B. WIIGHT & CONS	Apr.20,1963	5	8	48	25	#	ם	65 to 71. Shore gravel stones 12; grey limestone 48; blue shale 76.
BRE Con V		C. Caudle			) 4	10		11		D	Water at 70.
BRE Con VI	* 40 * 27	W. Thornton	*	Jun.21,1960 Dec.5, 1963	5	10	17 42	42	a a	D	Topsoil 3;dark grev rock 55. Water at 52. Shale 2;grey limestone 60;blue shale 75;red shale 80. Water
BRE Con VII	" 17	T. Aver	L. & A. Wright	Jun.15,1960							at 60. Stones 20; clay small stones 35; blue clay 51; red shale 70.
BRE Con VII	* 18 * 10	G. Shaw H. McKague	D. Wright & Sons R. & S. Wright	May 8, 1963	5	1 20	60	40	Fresh	D	Dry hole. Layers limestone shale 25; blue shale 61. Water from 40 to 50.
BRE Con VII BRE Con XII	* 19 * 8	A. Mackie	L. & A. Wright	Aug.11,1961 Aug.12,1961	5	20	20 158	45		D N	Topsoil 3; grey limestone 31. Water at 31. Soil 11; limestone 96; layers rock clay 135; red shale 145;
BRE Con XII	* 8	*	*	Oct.10,1963	5	1	140	70	Fresh	s	layers rock red shale 158. Water from 96 to 124. White limestone 70; brown rock 90; red shale dark rock 140.
BRW Con II	* 33	G. Coulter	D. Wright & Sons	Jul.13,1962	4	10	20	8		D	Water at 90. Clay 3; white limestone 70. Water from 60 to 65.
BRW Con III BRW Con III	* 29	E. Robertson G. Hewitt	R. & S. Wright L. & A. Wright	Jul.17,1962 Jul.9. 1963	5	10 6 6	25 60	10	THE STATE OF THE S	D D	Sand 2; grey limestone 40. Water at 40. Sand 4; white limestone 56. Water at 55.
BRW Con III BRW Con III	*. 29	A. Maass B. Robertson		Jul.13,1963 Jul.20,1963	5	12 23	65 58 60	8		D D	White limestone 65. Water at 55. Sand 5; limestone 58. Water from 50 to 55.
BRW Con III BRW Con IV	* 38 * 17	H.R.B.Kerslake J. Fowlie	R.& S. Wright	Aug.16,1963 Oct.23,1961	5	23	60 50	8	:	D,S	Topsoil 2; grey limestone 45; white limestone 65. Water at 65.
											and 99.

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BRUCE COUNTY - cont.  Bastnor Twp cont.  BRW Con IV	C. Bumstead S. Myles E. McLeish V. McQueen H. Brosch E. Mackela E.D. Pearson P. Monck E. Nixon G. Patterson B. Harrison G. Byers R.W. Marshall J. Kretsch K.J. Hobson	D. Wright &Sons  R.& S. Wright  L.& A. Wright D.Wright &Sons  L.& A. Wright  T. Wright  R.& S. Wright D.Wright & Sons R.& S. Wright	Aug.8, 1960 Aug.26,1960 Aug.20,1960 Jun.14,1962 Jun.22,1962 Aug.9,1963 May 18,1960 Jul.20,1960 Apr.28,1961 May 27,1961 May 27,1961 May 5, 1962 Jun.19,1962 Jun.19,1962 Jun.19,1962 Jun.12,1962 Jun.11,1962	45454 4 4556655454	10 6 10 5 4 1 1 5 18 10 10 10 10 10 10 10 10 10 10 10 10 10	20 18 20 30 80 100 24 70 15 17 12 61 63 25	14 Flows 6 8 10 7 18 12 14 4	Fresh	D D D D D D D D D D D D D D D D D D D	White limestone 65; brown limestone 93. Water at 63 and 83. Loose rock 3; white limestone 30; brown limestone 54. Water at 50 Cld dry well 3; brown limestone 50. Water at 49. Sand 5; brown limestone 50. Water at 46. Topsoil 1; hard grey limestone 45; blue limestone 57; soft grey limestone 72; hard grey limestone 87. Water at 87. Topsoil 2; grey limestone 65; light blue limestone 100. Water at 97. Topsoil 3; grey limestone 60. Water at 60. Loose stones 2; limestone 70. Water at 50 and 60. Sandy gravel 4; shale 20; grey limestone 54. Water at 50. Gravel 5; coarse sand 14; brown limestone 54. Water at 45.
BRW Con V	E. Mackela E.D. Pearson P. Monck E. Nixon G. Patterson B. Harrison G. Byers R.W. Marshall J. Kretsch K.J. Hobson M. Forbes	D.Wright &Sons  " L.& A. Wright  R.& S. Wright D.Wright & Sons R.& S. Wright	May 18,1960 Jul.20,1960 Apr.28,1961 Apr.28,1961 May 27,1961 May 5, 1962 Aug.10,1962 Jun.12,1962 Jul.12,1962 Jul.12,1962 Jul.11,1962	4 5 5 6 6 5 5 5 4	5 18 10 10 10 10 10	24 70 15 17 12 61	18 12 14 14 4 15	:	D, C D D	Topsoil 2; grey limestone 65; light blue limestone 100. Water at 97. Topsoil 3; grey limestone 60. Water at 60. Loose stones 2; limestone 70. Water at 50 and 60. Sandy gravel 4; shale 20; grey limestone 54. Water at 50. Gravel 5; coarse sand 14; brown limestone 54. Water at 45.
BRW Con V 1 BRW Con V 25 BRW Con V 25 BRW Con V 38 BRW Con V 38 BRW Con VI 12 BRW Con VI 12 BRW Con VI 12 BRW Con VI 17 BRW Con VI 18 BRW Con VI 19 BRW Con VI 19 BRW Con VI 10 BRW Con VI 10 BRW Con VI 10 BRW Con VI 11 BRW	E.D. Pearson P. Monck E. Nixon G. Patterson B. Harrison G. Byers R.W. Marshall J. Kretsch K.J. Hobson M. Forbes	D.Wright &Sons  " L.& A. Wright  R.& S. Wright D.Wright & Sons R.& S. Wright	Jul.20,1960 Apr.28,1961 Apr.28,1961 May 27,1961 May 5, 1962 Aug.10,1962 Jun.19,1960 Jun.12,1962 Jul.12,1962 Jun.1,1962	5566554	10 10 10 10 10 10	70 15 17 12 61	12 14 14 4 15	:	D D	Topsoil 3; grey limestone 60. Water at 60. Loose stones 2; limestone 70. Water at 50 and 60. Sandy gravel 4; shale 20; grey limestone 54. Water at 50. Gravel 5; coarse sand 14; brown limestone 54. Water at 45.
BRW Con VI * 12 BRW Con VI * 12 BRW Con VII * 7 Harwick Town Plot	K.J. Hobson	:	Jun.1. 1962		10	25 15 60	20 15 7 20		מממממ	Sandy gravel 12; brown limestone 59. Water at 50. Topsoil 2; grey limestone 61. Water at 55. Soil 1; dark limestone 63. Water at 60. Topsoil 2; grey limestone 62. Water at 62. Brown limestone 54. Water at 48. Loose stones dirt 5; grey limestone 35; dark grey limestone
Elderslie Twp.	D. FIICCHARD	D. Wright & Sons R.& S. Wright	Jun.5, 1962 Jul.26,1963 Sep.20,1962	5 5 5 4	5 3 5 5	60 77 60	10 8 6 Flows	:	D D D	82%. Water at 82. Brown limestone 75. Water from 60 to 65. Brown limestone 87. Water from 65 to 70. Grey limestone 80. Water at 75. Sand hardpan 6;grey limestone 65. Water at 64.
	N. McArthur	G.L. Dawldson	Jun.23,1960	4	8	136	72	Fresh	D,S	Clay 5; sandy hardpan 78; sand 120; sandy hardpan 180; soft blue rock 220; hard brown rock 240; hard blue rock 292; hard
Con B * 5	H. Farrow	Durham Drillers	Jun. 8,1962	4	18	50	40		D,S	grey rock 317. Water at 317. Soft grey clay 123; coarse sand 140; stony grey clay 150;
Con II " 1	J. Maxwell	E.A. Keeso	Oct.7,1963	4	12	70	65	Sulphur	D,S	quicksand 155; sandy grey clay 169; rock 175. Water at 170. Light sandy topsoil 4; soft brown clay 120; hardpan boulders 197; soft blue shale 205; hard blue limestone 212. Water from 210 to 212.
Con II " 13	D. McGill	Durham Drillers	Aug.23,1963	4	10	70	50	Fresh	D,S	Light sandy topsoil 4moft clay 100; sand 110; stony grey clay 130; brown shale 156; grey rock 172; white rock 177. Water from
On II 32	L. Schuett	D. Wright & Sons	May 17,1962	5	12	50	42		מ	150 to 176. Topsoil 3; red clay 45; hardpan gravel 108; blue limestone 120;
Con III * 14	G. Maxwell	Durham Drillers	Feb.25,1963	4	14	75	52		s	brown limestone 140. Water at 125 and 135. Topsoil 3; red sand 16; grey clay 112; boulders 115; sandy clay
Con VI 10 Con VII 30			Nov.13,1963 Oct.19,1962	4 30	10 5	160 21	76 15		D,S D,S	170; soft brown rock 181. Water at 170 and 180. Hardpan gravel 248; brown limestone 256. Water from 248 to 256 Topsoil 1; brown clay 8; brown s-nd 24. Water at 15.
Con VIII 4 Con XII 13	A. Harron E. Walker	Digging A. Loucks R.& S. Wright	Jul.24,1963 Dec.13,1961		5 18	140 45	86 30	:	D,S D,S	Hardpen 224; blue grey shale 241. Water from 224 to 241. Dug well 30; sand clay 50; grey clay stones 80; grey clay sand
Con XII 22	N. Powell	Durham Drilling	Jun.10,1963	4	15	25	20		D,S	125; grey clay 135; grey shale 150. Water from 145 to 150. Open hole 20; clay 50; sand clay 70; sand grovel 90; brown rock
Con XIV • 6	J. McKelvie	& Enterprises Durham Drillers	Feb.14,1963	4	15	50	21	•	D,S	100. Water from 90 to 100. Topsoil 4; sandy clay 15; boulders 25; sandy clay 120; gravel 125; sandy clay 140; sand 158; brown rock 168. Water at 150 and 165.

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	RUCE COUNTY -	cont							. 1	î			
	Greenock Twp. Con A Con A	lot	18 22	G. Anstett M. Kerry	Water Well	Jun.9, 1960 Aug.2, 1962	4 4	10 8	40 22	16 22	Fresh		Hardpan boulders 42;hard brown limestone 102. Water at 100. Dug well 15;gravel send 42;brown limestone 80. Water at 80.
	Con A	*	23	W. Bester	Drilling	Aug. 8,1962	4	8	22	22	•	D	Clay 15; hardban rock boulders 39; sand 48; brown limestone 72; Water at 71.
	Con A Con A		24 24	K.C. McLennan M. Vasey	Durham Drillers	Aug.30,1960 Jul. 6,1962	4 4	10 24	25 30	20 20	*	D B	Hardown boulders 55; brown limestone 85. Water at 80. Boulders 20; sandy clay 30; sand 48; hard brown rock 72. Water from 65 to 79.
		*	1	E. Friendore	G.L. Davidson	Jul.19,1960	4	15	56	37	•	D,S	Topsoil 1; gravelly hardpan 7; gravel 21; stony hardpan 78; gravel sand 104; hardpan 139; brown rock 164. Water at 164.
	Con IV	*	13	J.E. Doyle	E.A. Keeso	Apr.26,1961	4	14	32	30	•	D,S	Gravel stones 27; clay gravel 46; clay 91; white shale 112; white limestone 182; brown limestone 200. Water at 200.
	Con VI	*	11	J. Powers	G.L. Davidson	May 5, 1961	4	15	40	35	**	D,S	Topsoil 1;gravel sand 30;hardpan stones 51;hardpan gravel 61;shale 69;rock 98. Water at 98.
	Con VI	W	13	G. Lippert	E.A. Keeso	Mar.13,1961	4	21	13	11	*	D,S	Gravel clay 21; clay boulders 69; brown sand gravel 76; brown shale 82; brown limestone 112. Water at 112.
	Con VII	**	2	A. Zettler	*	Apr.22,1961	41	15	39	39	*	D,S	Clay 30; clay sand 60; shale 113; brown limestone 100. Water from 144 to 180.
	Con XIII Con XIII	*	2 5	J.M. Ried D. Garland	Durham Drillers G.L. Davidson	Sep. 3,1960 Aug.25,1960	4	10 12	Flows 36	Flows	"	D,S	Hardoan boulders 30; brown limestone 65. Water at 64. Dug well 15; hardoan stones 22; sand 45; sandv gravel 62; shale 72; grev rock 107. Water at 107.
	Con XIII	20	16	s.s. # 6	*	Mar. 2,1962	4	20	Flows	Flows	*	P	Clay 28; merl 34; send gravel 64; clay merl 102; sandy gravel 124; hard brown rock 158. Water at 158.
-4	Con XIII	**	18	H. Alexander	Durham Drillers	Apr.10,1962	4	15	30	12	*	D	Topsoil 3; quicksand 22; clay 90; gravel 100; brown rock 130. Water from 120 to 130.
73	Con XIV	*	24	J. Wrightson	*	Dec.20,1962	4	21	40	32	*	D	Torsoil 6;grev clay 30;sand 40;grey clay 100;stony clay 120; quicksand 130;grey clay 190;sand 200;soft brown rock 215. Water at 195 and 210.
	Con XVIII	10	5	G. Taylor	E.A. Keeso	Aug.30,1961	4	14	27	22		D,S	Grey clay 53; white shele 58; grey white limestone 87. Water at 87.
	Con XIV	**	24	J. Wrightson	Durham Drillers	Dec.20,1962	4	21	40	32	19	D	Topsoil 6; grey clay 30; sand 40; grey clay 100; stony clay 120; quicksand 130; grey clay 190; sand 200; soft brown rock 215. Water at 195 and 210.
	DRN Con I	m	7	R. Leeson	R.H. Gadke	Oct.18,1960	4	10	22	22		D,S	White sand 158; gravel 162; sand 205; brown limestone 278. Water at 278.
	DRN Con I	*	29	L. Paradis	E.A. Keeso	Jul.23,1962	4	14	20	13	**	D,C	Gravel stones 18; gravel hardpan boulders 49; gravel stones 61; brown shale 73; brown limestone 110. Water from 101 to 110.
	DRS Con I	89	13	L. Kreamer	R.N. Gadke	Oct.4, 1960	4	10	7	7	-	D,S	Topsoil 7; sand 75; gravel 90; brown limestone streaks shale 98; yellow mrown limestone 130. Water at 128.
	DRS Con I	**	29	N. Devis	m ·	Feb. 4,1963	4	15	28	24	**	ם	Clay 23; boulders 42; grevel 76; shale 92; brown limestone 152.
	DRS Con I	*	43	M. Petteplace	G.L. Davidson	Jul.25,1962	4	15	25	15		D,S	Dug well 15; yellow send stones 42; sand stones rough gravel 75; brown shale 91; herd brown rock 128. Water at 128.
	DRS Con I	10	60	J. Leppert	E.A. Keeso	Jul. 1,1960	4호	14	12	8	*	D	Gravel clay 21; blue shale 26; blue limestone 40. Water at 40.
	Hepworth Vlg. Hepworth Vlg.			H. Cutting Food Market	L.& A. Wright D. Wright & Sons	Jun.24,1960 Aug.23,1961	5	12 15	85 35	31 34	Fresh	D,C	Sand 6; clay stones 15; limestone 80. Water et 60. Sand 10; clay 20; grey brown limestone 60; brown limestone 81. Water at 75.
	Hepworth Vlg, Hepworth Vlg.			M. Hyslop R. Athison		Jun.30,1962 Sep. 4,1962	4	1 10	100	40		D	Sand gravel clay 32; limestone 114. Water from 5 to 100. Sand 11;gravel 14; brown limestone 90. Water at 80.
	Hepworth Vlg. Hepworth Vlg.			J. O'Rourke T.B. Campbell		Oct.23,1962 Nov.12,1962	5 4 4	12	40	35		D	Sand gravel 14; limestone 28. Water at 70. Sand gravel 16; brown limestone 28. Water from 50 to 70.
	Hepworth Vlg.			B. Cribbis		Dec.11,1963	5	10	39	37		ם	Sand clay 17; limestone 90. Water from 70 to 85.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

Loc	ATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE 3	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RUCE COUNT												
Huron Twp. Con A		3	D.J. Beckley	Hadco Service	Apr.26,1961	30	8	24	5	Fresh	D	Topsoil 1; gravel sand 7; blue clay 24. Water at 6.
Con A	n	14	E. Lowry	Ltd. G.L. Davidson	Feb.22,1962	4	10	95	16	W	D,S	Sand 4; gravel 9; stones clay 60; clav 142; shale clay 237; brown
Con A	*	17	G.F. MacKenzie	P.W. Jackson	May 16,1961	4	200	Flows	Flows		מ	rock 251. Water at 251. Sand loam 2; sand 18; blue clay 130; gravel sand 140; clay sand rock 190; gravel limestone 210; red rock formation 216. Water
Con A	н	32	G. Buchanan	G.L. Davidson	Feb.15,1962	4	25	Flows	Flows		D	at 10, 130, 190 and 215. Sand 19;gravel 20; clay 170; shaly brown limestone 245. Water at 245.
Con A		32	D. Annett	W	Jun.19,1963	4	30	Flows	Flows	**	P	Sand 20; blue clay 168; sand gravel 214, soft brown shale 216. Water at 216.
Con A	10	36	Dr.D.M.Finlay- son	•	Jun.13,1963	4	12	30	Flows	*	D	Sand 16; blue clay 138; sand 208; soft brown shale 260. Water at 252 and 260.
Con A	*	39		*	Jul.25,1962	4	20	40	Flows		ם	Fine sand 8; sand gravel 16; blue clay 138; sand gravel 172; soft brown shale 208; hard brown limestone 225; soft brown shale 249. Water at 249.
Con A	H	43	R.H. Lloyd		Jul.16,1962	4	12	Flows	Flows		D	Small 249. Water at 249. Dry sand 10; sand gravel 19; blue clay 108; send gravel 196; soft brown shale 221; hard brown shale 245. Water at 245.
Con A	н	45	Brace Beach Div. 4		Aug.6, 1963	4	20	15	*	w	P	Dry sand 16; clay gravel stones 34; blue clay 136; sand gravel 194; hard brown limestone 252. Water at 252, hard brown limestone 252. Water at 252.
Con A		47	Paul Rodgers Property		Jun.28,1962	4	40	Flows	Flows		P	Sand gravel 14; blue clay 106; clay sand marl 158; stony hardp 178; hardpen 216; soft brown shale 223; soft brown limestone 2 Water at 252.
Con A	*	51	L. Harrison	Hadco Well Digging	Jun.26,1961	36	5	17	10	*	מ	Topsoil 1; brown sand 4; fine gravel 7; coarse gravel 10; blue clay 18. Water from 7 to 10.
Con A		51	*	G.L. Davidson	May 31,1963	4	12	20	Flows		D	Sand gravel 21; blue clay 96; sand gravel silt 144; soft brown shale clay seams 206; grey rock 213. Water at 213.
Con A	•	53	B. McCallum	Durham Drillers	May 15,1963	4	20	18	12	*	D	Topsoil 4; stony grey clay 20; soft grey clay 60; sandy grey clay 100; soft grey clay 120; sandy clay 150; sand 160; coarse sand 165; fine gravel 200; brown rock 216. Water at 170 and
Con A		55	H. Hodge	G.L. Davidson	May 22,1962	4	8	Flows	Flows	*	D	215. Sand gravel 4; blue clay 74; sand 158; soft brown shale 161;
Con I		31	D. Elphick		Aug.28,1960	4	8	128	114		D,S	medium herd brown limestone 175. Water at 175. Topsoil 1; sand 6; clay 20; sandy clay 41; hardpan small stones
Con I		44	L. Vanderveen	*	May 11,1962	4	10	95	80	*	D,S	102; shale 109; dark grey rock 145. Water at 145. Sandy gravel 12; blue clay 22; sand 24; blue clay 68; hard brow
∞n II		38	D. Courtney	•	Aug.15,1963	4	12	80	70	*	D,S	shale 92; medium hard buff rock 130. Water at 110 and 130. Clay 72; clay houlders 105; clay stones 196; sand gravel 229; so
Con III		4	S. Chambers		Jul.5, 1962	4	15	65	54	*	D,S	shale 244; soft brown rock 250. Water at 250. Fill 2; blue clay 82; marl 95; stony hardpan 150; brown shale
Con IV	**	7	P. VanDem		Mar.6, 1962	4	10	61	52		D,S	158; brown limestone 195. Water at 195. Topsoil 6; gravel 3; sand 12; hardpan 20; clay 30; hardpan clay
Con VI		4	A. Gamble	*	Nov.15,1962	4	12	35	24	*	D,S	65; shale clay 92; hard grey limestone 110. Water at 110. Tousoil 1; brown clay 18; blue clay 54; gravel clay 64; blue cl 92; gravel sand 97; brown shale 106; brown rock.136. Water at
Con IX		3	N. Stanley		Dec.6, 1962	4	12	60	48		s	136. Topsoil 1:brown clay 56;gravel clay 97;sandy gravel 140;brown
Con X	*	12	D. MacKay	*	Sep.2, 1960	4	10	40	34	*	D,S	shale 151;brown rock 173. Water at 173. Fill 4;clay 20;sand 24;clay 32;hardban stones 66;hardban clay gravel 90;shale 104;brown rock 131. Water at 131.

	DII / TP	COUNTY		_										
		Twp												
	Con		10	t 36	L. Harrison	G.L. Davidson	Dec.22,1961	4	10	115	90	Fresh	D,S	Topsoil 1; brown clay 130; shale clay 201; brown rock 231.
	Con	XII	•	2	H. Themeson	•	Jan.11,1961	4	6	146	135	•	D,S	Fill 4; clay 64; sandy clay 105; sand 145; muddy shale 166; hard brown rock 249; Water at 249.
	Con	XII		28	R. Elliott		Sep.18,1961	4	10	112	97	•,	D,S	Gravel 14; clay gravel 24; clay 72; sand 98; sand gravel 128; shale 137; brown rock 191. Water at 191.
	LR			3	J. Baier	•	Oct. 6,1961	4	20	Flows	Flows		ם	Coarse gravel 6; sand 12; brown clay 47; blue clay 83; clay shele 150; brown limestone 178, Water at 178.
	LR		•	4	O. Rich & R. Pollock	W.D.Hopper & Sons	Sep.28,1960	4	15	Flows	Plows	•	ם	Gravel 26; stony clay 58; sand 65; stony clay 130; gravel 145; hardban 190; brown limestone 214.
	LR		•	5	W. Berg	•	Dec. 7,1960	4	25	Flows	Flows	•	D	Sand 60; clay stones 125; hardpan 170; brown limestone 197. Water from 190 to 197.
	LR		*	7	D. Jolley	•	Sep.15,1960	4	60	Plows	Flows	•	D	Sand 58; clay stones 135; hardpan 146; brown limestone 193.
	LR			9	M. Butters	•	Jan. 9,1960	4	15	Flows	Plows	•	P	Fine gravel 19;hardpon 62;gravel 74;hardpon 148;brown limestone 184. Water at 184.
	LR			26	J.D. Munn	G.L. Davidson	Aug. 4,1960	4	10	78	50	Fresh	D,S	Clay 98; sand 108; clay 196; sand 208; clay sand 228; sand 242; shele 290. Water at 290.
														3,00
	Kinca	rdine T	WD.			1								
	Con			18	Dr.A.L. Heidinyak	R.H. Gadke	May 24,1961	4	8	75	75	Fresh	D	Sand 50; gravel hardpan 100; loose rock 104; brown limestone 170. Water at 165.
	Con		•	18	H. Norman	Durham Drillers	Sep.25,1962	4	16	59	57		D	Topsoil 4; stony clay 20; soft grey clay 70; coarse send 88; hard brown rock 110. Water from 85 to 105.
25	Con	A A		30 36	J. Leighton H.V. Carling	G.L. Davidson	Aug. 23, 1961 Aug. 3, 1962	4	12 16	24 30	Plows 24	Sulphur Fresh	D D	Old well 8; hardpen 27; sand 55; limestone 99. Water at 90. Boulders sand 62; brown shale 72; hard brown rock 118; dark
	Con			59	C.H.Hartleib		Jul.31,1961	4	5	66	14		D	brown rock 124. Water at 124. Rock stones 4; shale 49; brown rock 155; grey rock 187. Water
	Con			62	W. Semple		Jun.13,1962	4	12	50	40		D,S	at 155 and 187. Topsoil 1; stones 2; clay stones hardpan 34; gravelly hardpan
														54;stony hardpan 84;brown shale 94;soft brown limestone 131. Water at 131.
	Con			69 70	G. Bremner W. McLean	:	May 3, 1963 Sep.29,1961	4	6 8	20	6 16	:	D	Stones 8; shale 36; hard brown rock 100. Water at 100. Gravel stones 6; brown shale 35; brown limestone 106. Water
	Con	A	*	70	K. Nelson		May 3,1963	4	12	30	16		D	st 106. Sand shale stones 5; hard brown shale 32; hard brown limestone
	Con	c		53	A. McKay	. *	Feb.23,1961	4	16	57	45		D,S	90. Water at 90. Dug well 16; clay 82; sandy gravel 91; hardpan 140; shale clay
	Con	v	n	28	E. Arnold	Durham Drillers	Jun.22,1962	Ą	12	60	40		D,S	168; light brown rock 1°6. Water at 186. Topsoil 2; brown clay 40; blue clay 110; hardban 159; brown
	Con	v		35	G. Robertson	•	Jun. 8,1962	4	18	60	50		D,S	limestone 228. Water at 220 and 225. Soft grey clay 50; stony grey clay 100; quicksand 135; gravel 150; sand 154; brown rock 166. Water at 160.
	Con	VIII		22	E. Jacob	-	Oct.12,1961	4	8	60	55	-	D,S	Clay 90; grey clay sand 120; clay 225; soft shale 250; hard
	Con	XI	•	1	J. Convay	G.L. Devidson	Sep.23,1963	4	12	50	42		D,S	white rock 253. Water at 250. Clay sand 28; clay 66; sand clay 108; sand gravel 134; brown
	DRN	Con I		55	W.M. Arnold		Jan.21,1961	4	15	24	16	-	D,S	shale 152; brown rock 175. Water at 175. Topsoil 2; clay 40; sand 56; clay shale 84; brown rock 112.
	DRN	∞n III		7	I. Munro	•	Sep.13,1963	4	4	115	95	*	D,S	Water at 112. Clay 8; sand 16; clay 68; clay gravel stones 94; brown shale 102; brown rock 195. Water at 195.
												<		510HH 100R 1778 "50E1 80 1778

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RUCE COUNTY - Kincardine Twp	col										
DRN Con III		District Constitution Constitution	G.L. Davidson	Aug.17,1960	4	8	78	50	Fresh	D,S	Topsoil 1; clay 24; sand 37; clay 86; sand 97; gravel sand 110; shale 126; brown rock 153. Water at 153.
DRN Con III DRS Con II	1		Durham Drillers G.L. Davidson	Jun.15,1962 Dec.14,1961	4	20 10	40 80	20 61	:	D,S	Topsoil 1; blue clay sand 84; brown limestone 102. Water at 100 Sand 4; clay sand 22; clay 75; clay shale 158; brown rock 174.
DRS Con II	<b>+</b> 59	H. Nicholson		Jul.13,1962	4	15	70	43	•	D,S	Water at 174. Topsoll *;brown clay 15;blue clay 35;clay gravel 42;blue clay 55;stony hardpen 140;hard brown rock 159. Water at 149 and
LR	• 6	W.J.Ruddock	*	Jul.9, 1960	4	15	35	8	*	מ	159. Loose rock 4; shale 33; hard rock grey limestone 77. Water at 77.
Kinloss Twp. Con I	lot 3	Hamlet of Whitechurch	G.L. Davidson	Aug.11,1961	6	45	70	38	Fresh	P	Brown clay 8; sand gravel 14; herdpan 32; sand 36; hardpan stones 88; soft brown shale clay seams 106; soft brown limestone 142;
											medium hard dark brown limestone 172; hard dark brown limestone 181. Water at 142, 172 and 181.
Con I	• 11	P. Kennedy	•	Jan,2, 1961	4	10	70	62	*	D	Fill 3;gravel 21;stony hardpan 69;loose shale 114;brown limestone 147. Water from 140 to 147.
Con IV	* 26	W. Evans		Jan.4, 1960	4	10	60	40	*	D,S	Fill 4; clay 35; sand 42; sandy clay 88; clay 113; sandy clay 164; brown shale 188; brown limestone 196. Water at 196.
Con VI	* 15	S. McGillvray		Jun.12,1961	4	12	34	28	*	D,S	Sand gravel 26; stony hardpan 92; shale 116; brown rock 139. Water at 139.
Con VII	* 1	C. Congram		Jun.5, 1961	4	11	92	70		D,S	Clay 40; sand 97; clay send 120; hardpen 147; shale 163; grey rock 177. Water at 177.
Con VIII	• 7	C. Johnston	*	Sep.4, 1963	4	12	82	75	*	D,S	Clay 18; stony clay 82; sand stones gravel 116; hardpen 128; sand 146; stony hardpan 168; soft brown shale 186; hard brown rock 240. Water at 240.
Con VIII	• 9	School Area	•	May 25,1961	4	15	80	70	*	P	Clay 65;quicksand 125;clay hardpan stones 167;brown shale 180;grey limestone 225. Water at 225.
Con IX	* 15	A. Bonnett	•	Sep.13,1960	4	17	39	34		D,S	Topsoil 1; gravel 12; sandy clay 34; gravelly clay 55; hardpan 88; shele 162. Water at 162.
Con XI	* 8	E. Vance	Water Well Drilling	Nov.20,1963	4	10	40	40		D,S	Sand gravel 150. Water at 150.
Range II DRS	* 22	Evangelical United Breth- ern Church	G.L. Davidson	Jun. 8,1963	4	15	22	19 <del>1</del>	*	P	Clay 38; sand gravel 83; clay shale 130; brown rock 169. Water at 169.
Range II DRS	* 21		•	Jun. 24, 1963	4	15	35	25	*	P	Clay 28; sand 60; sand silt gravel 158; shale clay seams 170; brown rock 209. Water at 209.
Lindsay Twp. BRE Con II BRE Con IV BRE Con IX BRW Con I	lot 26	E. Lynch	L.& A. Wright D. Wright & Sons L.& A. Wright R.& S. Wright	Nov.29,1962 Sep.3, 1960 Oct.11,1962 Sep.6, 1963	54 54	18 10 4 4	69 12 30 75	12 6 10 20	Presh	D D,S D	Stones clay 24; white limestone 69. Water at 65. Top clay 2; white limestone 45. Water at 45. White limestone 39; Water at 35. Topsoil stones 14; grey limestone 65; blue limestone 85. Water at 77 and 85.
BRW Con III	* 31	H. Esch	L.& A. Wright	Jul.29,1961	5	12	80	15	•	D	Clay stones 8; soft white limestone 90. Water at 85.

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	BRUCE COUNTY - cont. Lion's Head Lion's Head Lion's Head Lion's Head Lion's Head	A. Greig W. Zimmerman E.M. Reid E. Matthews W. Houghton	L.&A. Wright D. Wright & Sons R.&S. Wright L.&A, Wright	Nov.20,1960 Dec.20,1962 Jan. 8,1963 Aug. 3,1963 Aug.31,1963	5454	5555	80 119 16 25	47 26 30 16	Fresh	D D D D	Soil 3; limestone 60; layers shale rock 101. Water at 47. Clay sand 53; blue shale 116; Water from 80 to 110. Dug well 30; clay sand gravel 85; blue shale 119. Water at 115. Topsoil stones 10; gravel hardoan 15; fine gravel 25. Water from 16 to 25. Loose stones 25. Water at 20.
77	St.Edmunds Twp.  BRW Con I   10t 24 BRW Con I   27 BRW Con I   30 BRW Con I   42 BRW Con I   45 BRW Con I   45 BRW Con II   45 BRW Con III   30 BRW Con V   45 BRW Con V   45 BRW Con V   45 BRW Con V   45 BRW Con V   46 BRW Con V	J. Keenen W. Willaughan W. Biehl E. Lambkin S. Paterek B. Hopkins W. Willaughan J. Jahn E. Smith B. Yarwood E. Gadza S. Irons J.P. Tawlor	R.& S. Wright D. Wright & Sons R.& S. Wright D. Wright & Sons L.& A. Wright D. Wright & Sons L.& A. Wright R.& S. Wright S. & O. Wright R.& S. Wright C.Goodberry Well Drilling Ltd. S. & O. Wright Drilling Ltd. Drilling Ltd. L. & A. Wright L. & A. Wright L. & A. Wright L. & A. Wright D. Wright & Sons	May 25,1960 Jun. 1,1963 May 16,1962	4000004540000444440 04445 5 55554555555 555	6 16 20 15 20 10 10 10 10 10 10 10 10 10 10 10 10 10	6870 6870 6870 6870 6870 6870 6870 6870	22 Plows 40 10 10 10 10 10 10 10 10 10 10 10 10 10	Fresh	$^{ m S}$ חפתם אתם משממת אתם משממם מחפתם מחפתם מחפתם מחפתם מחפתם מחפתם מחפתם אתם משמת אתם מחפתם מחמתם מחמתם מחמתם מחמתם מחמתם מחמתם מחמתם מחמתם מחמת	Hard grey limestone 62. Water at 55. Soil lywhite limestone 68. Water at 64. Grey limestone 104. Water from 60 to 98. Grey blue limestone 69. Water at 45 and 65. Clay gravel 15;grey limestone 92. Water from 50 to 87. Topsoil 2;white limestone 67. Water from 40 to 65. Topsoil 1;grey limestone 67. Water from 40 to 65. Topsoil 1;grey limestone 45;white limestone 52. Water at 52. Limestone 51. Water from 40 to 45. Sand 7;grey limestone 58. Water at 52. Sand 3;grey limestone 51. Water from 35 to 46. Sand 3;grey limestone 48;blue limestone 63. Water at 63. Topsoil 2;grey limestone 48;blue limestone 62. Water at 62. Topsoil 2;grey limestone 36;white limestone 64. Water at 64. Grey limestone 47: Water at 40. Topsoil 1;white limestone 56;grey limestone 64. Water at 64. Grey limestone 47: Water at 40. Topsoil 1;white limestone 50;grey limestone 75. Water at 75. Gravel 4½;grey limestone 54.  Gravel 4½;grey limestone 54.  Gravel 4½;grey limestone 60;creamv brown limestone 90. Water at 65 and 80. Grey limestone 90. Water at 65 and 80. Grey limestone 90. Water at 65 and 80. Grey limestone 90. Soi;ream limestone 114. Water from 50 to 60 and from 100 to 105. Soil 3;blue grey 'imestone 60;creamv brown limestone 94. Water at 40 and 80. Loose stone 1;hard dark brown rock 126: White limestone 117. Water at 110. White limestone 88. Water at 60. Grey limestone 65;blue limestone 101. Water at 99. Old well 49;grey limestone 86. Water at 85. Old well 56;grey limestone 86. Water at 85. Old well 49;grey limestone 130: Water at 70 and 125. Grey limestone 107. Water from 60 to 70 and from 85 to 100. Brown rock 140;dark rock 175. Water at 152 and 172. Stony clay 10;white limestone 145. Water at 60 and 145. Large boulders 10;hard limestone 145. Water from 70 to 135. Brown limestone 18;brown limestone 91. Water from 60 to 91. Soil stones 5;limestone 111. Water at 90.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	LEVEL.	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - St.Edmunds Tw Tobermory To Tobermory	p. co	nt.	M. Ransbury J.C. Wheilden	L.&A. Wright	Oct.26,1963 Nov.13,1963	5	10 12	10 86	105	Presh	D D	Limestone 105, Water at 90. Clay 8; limestone P6. Water at P0.
Saugeen India	n Res		C. Metzloff	M.S. Bellerby	00 1060						_	Sand gravel 20:blue clay 36:brown limestone 79, Water from
Con E Con E		17	H. Lee		Jun.20,1960 Jul.2,1960	5	10	30 50	2	Fresh		Shore sand 10; clay fine stones 30; gravel sand 35; clay hardpar
Unserveyed			J. Bowman		Jun.7,1961	4	10	15	Flows			42; grey limestone 60; blue limestone 91. Water at 91. Gravel 5; hardban stones 85; clay 92; dark grey rock 115. Water
Unserveyed			D. Elliott	D. Wright & Sons		5	1	60	10			at 112. Sand 34; limestone 60. Water from 50 to 60.
Saugeen Twp. Con III	lot	19	K. Eckinnon	G.L. Davidson	Sep.20,1962	4	5	82	70	Fresh	D,S	Plue clay marl 112; sand coarse sand 144; soft brown shale 150; Water at 150.
Con IV		8 23	J.H. Stafford G. Morphet	*	Sep.25,1960 Jun.16,1962	6	6 4	57 98	40 22	*	D,S	Sand 20; clay 55; sand 97; gravel 100; rock. Water at 100. Blue clay 92; quicksand 108; sandy gravel 118; brown clay stone: 148; brown clay 204; sandy gravel 214; brown blue shale 230.
Con VI			J.H. Stafford		Jul.16,1963	4	10	90	80	*	D,S	Water st 230. Dug well 30;hard sand 50;hardban 66;sand gravel 119;hardban 140;sand gravel stones 185;hardban 200;brown rock 253. Water
on VII	•	9	J. McKiesnan	D. Wright & Sons	Aug.19,1963	4	20	50	39	*	С	at 253. Sand gravel clay 170; blue shale 310; red shale 315; blue shale
Con VIII	*	21	S.S.# 7	G.L. Davidson	Sep.2,1961	4	3	110	42	•	P	330. Water from 250 to 310. Clay 35; sand 81; clay 117; sand silt gravel 152; dark brown sha
LR	•	24	L. Schuett	D.Wright & Sons	Aug.17,1962	5	11	0	Plows	•	D	clay 172; hard brown rock 222. Water at 222. Sand 9; clay 20; quicksend 34; hardpan 69; gravel 72; brown
LR		26	S. Demar	*	Aug.29,1962	5		0		*	D	limestone 85. Water at 82. Sand 8; clay 15; hardpan boulders 59; grey limestone 70. Water
LR	-	29	J. Alexander	G.L. Davidson	Jul.7, 1961	4	15			**	D	at 65. Sand boulders 29; sandy gravel Toulders 45; hardban 76; grey rock 81. Water at 81.
LR	•	31	U.A.W. Educat- ional Centre	•	Oct.16,1961	6	10	85	0	•	P	Sand 20; clay 26; quicksand 32; sand 46; hardpan stones 92; red clay shale 108; blue clay shale 150; red clay shale '58; hard
LR		56	J. Landon	Durham Drillers	Jul.12,1961	4	11	80	Flows	•	ם	brown limestone 162;soft blue rock 180. Water at 160 and 180. Gravel stones 5; lue clay 15; gravelly hardoen 32; brown clay stones 90; sand gravel 102; quickeand 129; fine sand 136; sand
SRWR	*	27	R.J. Cobean	G.L. Davidson	Jun.10,1963	4	5	115	7	•	D,S	gravel 140; coarse gravel 142. Water at 142. Clay 66; clay gravel 90; quicksend 158; stony hardban 194; sand 202; shale 206; blue black rock 244; brown grey rock 279. Water at 279.
Tara Vlg.			Vlg Tara	G.L. Dawidson	Jan.24,1960	10	97	192	22 <del>1</del>	Presh	P	Stony till 14; sand gravel 16; stony till 29; hard brownish grey rock 32; hard grey rock 115; hard brown rock 140; hard dark brown rock 260; light brown rock 310; hard light grey rock 360; medium hard light brown rock 386; soft blue green shale 389. Water at 260 and from 360 to 386.

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В	RUCE COUNTY -	cont			ī						,		
	Tara Vlg co		•	J. Graham	R. & S. Wright	Nov.21,1963	5	20	30	24	Fresh	ם	Brown sandy soil 6; grey sandy clay stones 24; grey limestone 70. Water at 48 and 65.
1	Tiverton Vlg.			J.W. McFadyen	G.L. Davidson	Apr.18,1963	6	30	90	50	Presh	P	Sendy clay 4; clay 16; sand 22; stony clay 102; gravel 106; hardpan 148; soft brown shale 168; soft brown limestone 192; hard brown limestone 239. Weter from 192 to 239.
1	Walkerton			Bruce County Home	G.L. Lavidson	Jun.15,1961	8	38	100	70	Presh	P	Fill 2; red clav 3; sandy gravel 25; clay stones sand 54; soft brown shale 59; hard brown limestone 68; medium hard blue limestone 94; medium hard red rock 104; soft blue rock 113.
	Walkerton			Hartley Hotel	Hadco Well Digging	Jun.28,1961	30	18	10	8	•	P	Water at 66, 93 and 113. Topsoil 1;fill 4;gravel 16;blue clay 40. Water at 16.
	Walkerton			Town of Walkerton		Jun.29,1961	27 <del>2</del>	18	30	14	•	P	Topsoil fill 4; brown clay 12; sand 14; gravel 24; blue clay 38. Water at 14.
	Walkerton Walkerton			S. Wyonch A.C.Bagworth	R. & S. Wright Durham Drillers	Oct.6, 1961 Dec.30,1961	5 4	1 12	65 72	8 52	:	D D	Silt 2;grey limestone 69. Water at 40. Hardpan 25;clay boulders 38;grey clay 64;red shale 66;soft grey rock 136. Water at 128 and 132.
1	Walkerton			P.U.C.	G.L. Davidson	Oct.25,1962	10	40	68	12	•	Ŋ	Clay stones 16; sand gravel stones 22; hard brown shale 34; hard brown limestone 54; medium hard bluish brown rock 64;
79	Walkerton			•		Nov.8, 1962	10	40	66	47		T 2-62	soft bluish brown rock 74; medium hard brown rock 84; soft blue shale, Water at 54, 74 and 94. Brown clay 4; sand 8; brown clay 16; clay sand 54; brown clay 64; sandy clay 98; loose soft brown shale 102; hard brown rock 120; medium hard bluish brown rock 130; medium hard bluish brown rock 142; soft blue shale 152; hard blue rock 163. Water at 130 and
	UFFERIN COUNTY												and from 160 to 163.
	Amaranth Twp. Con I	lot	11	L. Marshall	C. Smith	Oct.2,1961	4	4	50	В	Fresh	D,S	Topsoil 3; stony brown clay 16; gravel stones blue clay 63;
	Con II	*	4	R. Lawrence	C.E. Snider	Nov.30,1962	5	7 <del>1</del>	46	40	•	D,S	limestone 90. Water from 80 to 90.  Dug well 50;brown sand layers clay 70;silt clay 75;silt 85; silt clay limestone boulders 98;silt clay 103;silt clay limestone boulders 106; Water at 106.
	Con II		23	D. Christian	C. Smith	Apr.3, 1961	4	8	30	24		D	Dug well 20; sandy clay 50; stony clay 60; hard brown limes one 81. Water from 65 to 81.
	On III		12	A. Kalnin		Sep.4, 1962	4	12	55	48		D	Dug well 45; sandy clay 55; ston clay 95; brown limestone 115. Water from 100 to 115.
	Con III		28	E. Horsley	*	Oct.15,1960	4	8	54	48		ם	Yellow clay 58; fine sand 90; blue clay gravel stones 127; soft shaly limestone 140. Water from 127 to 140.
	Con IV		4	A. Wilson	Water Well Drilling	Aug.22,1963	4	8	12	12	•	D,S	Gravel 20; clay 50; mixed gravel clay 82; hardban 104; grey limestone 116. Water at 115.
	Con IV	•	7	W.J. Lanktree	R.H. Gadke	Feb.2, 1961	4	8	12	7		D,S	
	On IV	*	12	A. Salsbury	C. McClure	Mar.1, 1961	5	10	18	18	•	D,S	
	Con IV	*	23	H. Alexander	C. Smith	Aug.15,1962	4	12	20	14		D	Dug well 20; blue clay 62; brown limestone 82. Water from 72 to 82.
	Con V	•	6	J. Bryan	*	Oct.9, 1960	4	10	25	18		D	Dug well 20; gravel stones clay 66; limestone 115. Water from 100 to 115.
	Con V	٠	32	W.J. Marshell	•	Jun.6, 1962	4	10	25	11	•	D	Topsoil 3; hard brown clay 19; sandy brown clay 28; soft clay 52; gravel 55. Water from 52 to 55.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N I		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	IN COUNTY												
Amara: Con	nth Twp. 71	- cc		E. Clarke	Water Well	Aug.29,1963	5	10	8	3	Fresh	ם	Sand 68; sand coarse gravel 110; hardpan boulders 139; brown
Con '			3	T.C. Hughes	Drilling C. Smith	Dec.19,1960	4	12	30	10	•	D	limestone 196. Water at 195. Stony grey clay 90; gravel clay 98; limestone 132. Water from 120 to 132.
Con '	VII		4	M. McPherson	R.H. Gadke	Feb.23,1961	4	2	Flows	Flows		D,S	Top clay 2; brown clay 50; gritty hardoen 70; grey limestone 80.
Con	VII	i.	5	W. Wolfe	•	Mar.1, 1961	4	8	40	30	•	D,S	
Con	VII	*	11	C.E. Jelly	J. Cudney	May 15,1963	4	15	6	3		מ	limestone 146. Water from 140 to 146. Gravelly clay 10; stony clay 70; grey limestone 130. Water from
Con	IIV	×	21	E. Duncan	R.H. Gadke	Jan.3, 1961	4	8	24	24		D,S	120 to 130. Topsoil fill 7; clay gravel 30; shale loose rock 62; yellow
Con	VIII	*	2	F. Gamble		Mar.23,1961	4	8	60	30		D,S	brown blue shale 121. Water from 62 to 121. Sand 25; clay 32; gravel 56; herdpan 92; brown limestone 120;
Con	VIII		4	R.B. Evans	•	Sep.18,1961	4	8	20	20		D,S	white limestone 204. Water from 200 to 204. Clay stone 20;gravel 30;hardman stone 52;sand 85;sand loose
Con	VIII		6	N. Stein	C. Smith	Jul.21,1961	4	25	25	6		D	brown shale 92; brown white limestone 160. Water at 158.  Brown clay boulders 45; brown clay 78; limestone boulders clay
Con	VIII	*	23	P.F. Hayden		Aug.23,1962	4	10	36	33		D	94; limestone 126. Water from 110 to 126. Boulders clay 12; gravelly clay 35; vellow brown limestone 75.
Con	VIII		32	W. Johnson	•	Mar.23,1961	4	10	30	20		D	Water from 60 to 75. Clay boulders 36; shaly limestone gravel 53. Water from 50 to
_ Con	IX	•	2	J. Maxwell	G. Tortington	Nov.3, 1962	36	3		5		D	53. Brown clay 2; coarse gravel clay 10. Water at 5.
o Con			15	O. Gate	R.H. Gadke	Jan.25,1961	4	8	35	35	•	D,S	Topsoil 5; stony hardpan 40; loose yellow brown shale 98; hard brown limestone 101. Water at 100. Clay rocks 58; brown limestone 61. Water from 59 to 61.
Con			30 4	G. Philips D. Gamble	Ladco Drilling C. Hill	Dec.16,1963 Aug.1, 1963	4	10	70	17 8		D,S	Clay rocks 58; brown limestone 61. Water from 59 to 61. Gravel boulders 10; quicksand 30; gravel boulders 40; hard blue rock 70; grev limestone 120. Water at 120.
													blue lock /office limescome izo: water at izo:
Rect	Garafraxa	Two											
Con		lo		J.Romanyshun	Water Well Drilling	Jun.17,1963	5	8	35	35	Fresh	D,S	Fill 10; sand boulders 130; hardpan 160; clay gravel mixed 174; brown limestone 195. Water at 194.
Con	В	*	6	A. Stinson	DI IIII	Jul.16,1963	5	10	30	30		D,S	Dug well 45; mixed send cley 112; hardpan boulders 144; brown limestone 184. Water at 182.
Con	С		3	R. Thompson	C. Smith	Jan.12,1962	4	10	40	35		D	Brown clay 35; gravel stones clay 60; layers soft limestone brown clay 68; shalp limestone gravel 70. Water from 68 to 70.
Con	С	*	4	W. Montgomery	R.H. Gadke	Nov.23,1961	4	8	70	40		D,S	Clay boulders 20;gravel 30;hardpan 62;sand 83;brown limestone 104, Water at 100.
Con		ď	5	M. Yellen	Graham Well	Aug.24,1961	4 5	8 10	20 60	16 38	:	P D.S	Sand small stones 82; white rock 84. Water at 83. Old dug well 25; fine sand clay 40; clay gravel 68; fine sand
con .			10	C.A. McCathy	Drilling	Sep.6, 1962	,	10	60	٥٥ ا		D,5	78; stony hardpan 98; brown rock 150; light grey rock 183. Water at 183.
Con	X	*	16	G. Curtis	•	Jun.26,1962	5	10	80	56		D,S	Stony brown clay 40; soft clay 92; fine brown sand 104; stony
													handpan 148; soft sandy clay 152; clay coarse gravel 163; light brown stone 207; yellow brown stone 225; brown rock 228. Water from 226 to 228.
Con	XI		6	A. Gitson	Ladco Drilling	Sep.12,1961	4	10	100	75		D,S	Sand 22; clay 40; sand 55; clay rocks sand lavers 205; limestone
Con	XI		6	M. McGowan	•	Nov.28,1962	4	10	80	78		D,S	255. Water at 250. Sandy clay 18; gravel sand 23; sand 35; clay sand layers 145; clay rocks 208; limestone 322. Water at 321.
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	UFFERIN COUNTY East Garafraxe			i	ſ	f 1			ī	r	ì		
	Con XII	lot	5	G. Turner	D.P. Jacobson	Jan.25,1961	6 <del>1</del>	24	70	57	Fresh	D, S	Brown sand 28; sandy brown clay 39; light clay 55; quicksand 58; clay quicksand streaks 87; hardpan 96; quicksand 114; clay 130; sandy clay 138; hardpan 155; soft clay sand streaks 167; hardpan 173; hard clay sand 189; sandstone clay 193; clay sand streaks 205; limestone 288. Water from 260 to 280.
	Con XIII Con XIII Con XIII		14 1 7	E.J. Lock D. Overland G. Woods	J. Cudney Ladco Drilling Graham Well Drilling	Jul.22,1960 Aug.15,1962 Oct.23,1961	4 5	10 10 9	30 65 70	7 40 55		D,S D,S	Clay large stones 45;grey limestone 125. Water at 125. Sand 160;clay rocks 171;grey limestone 180. Water at 179. Dug well 45;quicksend 55;brown sand clay 80;grey clay fine sand 92;grey clay gravel 140;fine sand 145;grey clay gravel 171;fine sand 195;gravel 201; light grey rock 290. Water from 223 to 290.
	Con XIV		11 1	J.S. Simpson M. Brown	J. Cudney Water Well Drilling	Aug.1, 1960 May 3, 1962	4 5	8	50 44	30 44		D,s	Sandy clay 140; limestone 225. Water at 125. Clay 50; sand 70; gravel 105; blue sandy clay 176; gravel 200; brown 11mestone 220. Water at 220.
	Con XVI		2	J. Smith	Ladco Drilling	Mar.29,1963	4	8	108	100	*	D,S	Sand 15; gravel sand layers 90; grev clay rocks 275; light grey limestone 420. Water from 408 to 410.
	Con XVII		1	McFee Bros.	*	Aug.24,1962	4	10	30	25	•	s	Clay 30; sand 54; clay rocks 75; sand 110; clay rocks 140; gravel 155; clay rocks 175; boulders 202; grey limestone 208. Water at 206.
	Con XVII	*	2	M. Smith	*	Mar.1, 1963	4	8	105	100	•	D,S	
	Con XVII	*	4	E. Perns	•	Mar.16,1963	4	10	55	53		D,S	Prown clay rocks 20; sandy clay 60; grey clay rocks 160; sand rocks 180; grey clay rocks 192; dark grey limestone 285. Water at 225, 267 and 283.
81	Con XVII	*	8	M. Webster	*	Sep.3, 1962	4	10	75	72		D,S	Clay 5; sand 90; brown clay rocks 170; red clay rocks 180; grey clay rocks 196; grey limestone 204. Water at 203.
	Con XVIII		3	A. Oliver	*	Dec.21,1963	4	10	40	32		D,S	Sandy clay 10; gravel sand 40; clay rocks sand layers 138; brown limestone 193. Water from 185 to 193.
	Con XVIII		4	R. Woods	G. Tortington	Dec. 9,1963	36	3 1/2	40	22 }	*	D,S	Tonsoil 2; subsoil stones 10; clay 35; gravel sand 421. Weter at 38.
	East Luther To	p.			Water Well		4	_	43	21	Fresh	С	Hardpan 60;gravel boulders 94;brown limestone 98;grey
	Con I	101	31		Drilling J. Cudney	Aug.25,1960 Apr.20,1963	4	7	10	0	rresn		limestone 154; hard white limestone 206. Water at 178.
	Con IV Con VIII	*	31 27 28		C. Smith	Feb.9, 1961 Jul.16,1962	4	35 8 15	26 10	21 Flows		P	Clay 8; hard blue limestone 50. Water at 50. Clay boulders 58; limestone 83. Water from 70 to 83. Dug well 17; boulders blue clay 59; limestone 67. Water from
	Con VIII		29	L. Mounehen	J. Cudner	Jun.24,1961	4	15	30	11		D	59 to 67. Stony clay 72; blue limestone 100. Water at 100.
	Con IX		30	Ont.Hydro	J.L. Graham	Nov.11,1960	5	15	37	18		P	Topsoil 2; stone gravel hardoen 43; and gravel 54; comented gravel 62; grey blue rock 108. Water at 108.
	Con XIII	W	27	J. Pludums	R.H. Gadke	Aug.30,1961	4	6	20	15		D,S	Clay 5; coarse gravel 16; loose brown rock 30; loose brown rock hard streaks 58; hard brown limestone 101; hard grey limestone
	Grand Valley V	/19.		A.Davies &	Water Well	Feb.20,1960	4	10	Plows	Plows		D	148. Water at 145. Gravel 22; brown limestone 74. Water et 32.
	Grand Valley Grand Valley			W. Gilbs C. Churley	Drilling	Mar.8, 1960	4	10	18	18		ם	Blue boulders 20; clay gravel 40; brown limestone 101. Water at 100.
	Grand Valley			J. Nichols	R.H. Gadke	Mar.25,1960	4	8	11	11		D	at 100. Gravel 30; hardpan 38; brown shale 42; grey limestone 106; white limestone 155. Water at 154.

<sup>1.2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

L	OCATION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DUFFERIN Grand Va Grand V. Grand V. Grand V	lley Vl alley alley			J. Cudney "Graham Well Drilling	Jul.11,1960 Jul.16,1960 Sep.17,1962	4 4 4	10 12 15	20 22 40	10 9 16	Fresh	D D D	Stony clay 18; hard blue limestone 50. Water at 50. Clay large stones 35; hard blue rock 115. Water at 115. Large boulders 22; gravel boulders 46; sandy clay 49; broken rock 52; brown stone 90; grey stone 110; light grey stone 120.
Grand V	alley		E.Firth & J. Ferris	C. Smith	Feb.2, 1963	4	8	20	4	*	D	Water at 120. Dug well tiled 20; gravelly clay 30; hard brown limestone 60. Water from 50 to 60.
Grand V	alley		Presbyterian Church	J. Cudney	Apr.13,1963	4	13	10	6	*	D	Large stones grevel 18; hard blue limestone 59. Water at 59.
Grand V	alley		W. Juncko	Graham Well Drilling	May 8,1963	5	15	80	48		D	Clay stones 25;gravel boulders 40;stony bardoan 70;bard clay 78;brown stones 108;blue rock 168, Water at 165.
Grand V	alley		W.H. Elgie	J. Cudney	Oct. 4,1963	4	12	65	60	"	D	Sandy clay 35;stony vellow clay 80; orey limestone 144. Water at 140.
Grand V Grand V			W. Rounding T. West	Water Well Drilling	Oct.15,1963 Oct.18,1963	4	10 10	50 27	32 27	m m	D D	Grey clay large stones 60; grev limestone 125. Water at 125. Gravel large boulders 50; brown limestone 110; white limestone 130. Water at 130.
Melanctho Con I		lot 14	J. Gallagher	Durham Drillers	Apr.11,1961	4	10	45	38	Fresh	D	Sandy clay 55; sand 90; broken rock 93; grey rock 111. Water at 108.
Con I		* 15	J. Payne	C. Smith	Jan.26,1961	4	8	49	47	*	D	Boulders clay 10; gravel clay 32; limestone 65. Water from 49 to 65.
n Con I		* 15	E. Breadner	10	Apr.11,1962	4	10	50	45	*	D	Topsoil 3; stony brown clay 24; layers limestone red clay 53; limestone 75. Water from 60 to 75.
Con I		# 15	W. Webstor	*	Sep.11,1962	4	6	60	56		D	Topsoil 1; brown clay gravel stones 46; soft layers brown limestone 53; limestone 78. Water from 60 to 78.
Con I		* 15	B. Robinson	*	Oct.18,1962	4	6	67	60		D	Topsoil 3; hard stony brown clay 35; limestone boulders 47;
Con I Con II		" 20 " 3	C. Bates Ont.Dept. of Highways	C. Goodberry Well Drilling Ltd.	Nov.19,1963 Apr.30,1960	6	8 25	46 42	43 18	"	D P	limestone 82. Water from 72 to 82. Stony clay 37; brown limestone 69. Water from 60 to 69. Topsoil 1; clay boulders 12; hardman 33; gravel 382; limestone 101. Water at 85.
Con II		" 14 " 15	United Church	C.E. Snider	Apr.26,1961 Aug. 8,1963	4	10 8	60 65	45 60		D D	Torsoil 1; subsoil stones 20; limestone 102. Water from 90 to 95. Gravelly clay 24; clay stones 44; brown limestone 75; white limestone 83. Water from 70 to 83.
Con II		* 22	D. Ferguson	Durham Drillers	Nov. 1,1962	4	20	40	30	*	D,S	Topsoil 6; grey clay 20; sand 30; stony clay 60; coarse sond °0; brown rock 108. Water at 95 and 105.
∞n III		* 5	J. Montgomery	C. Smith	Apr.11,1961	4	8	30	23	*	D	Brown clay boulders 10; soft shaly limestone 25; limestone 88. Water from 60 to 88.
Con III		" 10	N. Jerkovich	A. Loucks	Dec.26,1961	4	5	20	20		D,S	Dug well 27;ýellow clev stones 42;grey lime tone 52. Weter at 52.
On III		* 17	H. Squirrell	C. Smith	Feb. 5,1962	4	5	75	55	*	D	Stony brown clay 33; levers soft limestone clay 39; limestone 105. Water from 85 to 105.
Con IV		* 14	L. Jordan	Durham Drillers	Oct.17,1963	4	12	48	21	-	D,S	Topsoil clay gravel 20; sand clay 35; soft brown shale 44; grey rock 120. Water from 70 to 100.
Con IV		. 21	J. Hollyer	R.H. Gadke	Dec.12,1960	4	7	40	16	"	D,S	Topsoil 4; clay hardpan 28; brown limestone 68. Water from 60 to 68.
SRE Con	I	* 225	I. Lancashire	Durham Drillers	Feb.20,1963	4	20	17	14	**	D	Stones boulders 20;gravel stones 42;hardpan boulders 64;sand gravel 72;gravel 84. Water at 82 and 84.
SRE Con	I	" 226	G. Oliver	н	Oct.18,1962	4	12	70	24		D	Topsoil 4; sandy clay 25; stony clay 50; sandy clay 60; stony clay 65; clay 79; hard grey rock 91. Water at 65 and 85.
SRE Con	I	253	J. Dolmer	M.S.Bellerby	Oct.16,1963	4	4	26	25		D,S	Previously drilled 60; hard grey limestone 160. Water from 153 to 160.

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		COUNTY												
Mela		ton Twp			J. Dolmer	M.S. Bellerby	Oct.16,1963	4	4	26	25	Fresh	D.S	Old well 60; hard grey limestone 160. Water from 153 to 160.
		n II			C. Broderick	Durham Drillers	Oct.2, 1963	4	20	30	25 25	•	D,S	Topsoil 3; clay sand 15; fine gravel stones 30; shale 35; brown rock 60; grey rock 80. Water from 60 to 70.
SRE	Con	n II	*	284	K. Heckler	C. Smith	Peb.16,1962	4	8	38	32	-	D	old well 30; stony blue clay 58; soft limestone 75; gravelly clay brown limestone 87. Water from 75 to 87.
SRE	Con	n II		287	M. Madill	•	Feb.21,1961	4	8	30	27	*	D	Old well 35; brown clay 52; soft shaly limestone 66; limestone 84. Water from 72 to 84.
SRE	Con	n IV		37	R. Hamilton	Durham Drillers	Jan.3,1963	4	20	20	17	*	D,S	Boulders 20; sand 65; fine gravel 70; yellow grey rock 84.
SRW SRW		n I n II			E.W. Sime Poplar Farms	Water Well Drilling	Oct. 3,1960 Mar.12,1963	4 5	10 4	50 Flows	7 Flows		D D,S	Gravel stones clay 70; fine gravel 74; Water from 70 to 74. Clay boulders 50; loose brown limestone 66; brown limestone
SRW	Con	n IV		287	J. Matkowski	R.H. Gadke	Nov.18,1960	4	8	11	11		D,S	152. Water at 151. Boulders sand 21; loose rock 24; light brown limestone 47.
SRW	Cor	n V		17	A. Smith	C. Smith	Aug. 3,1961	4	12	10	6	•	D	Water at 45. Brown clay gravel stones 25; boulders brown clay 60; brown
SRW			**	19 27	P. Utowski N. Melnysuk	R.H. Gadke	Dec.20,1960 Dec.28,1960	4 4	8 10	24 12	24 12	*	D,S D,S	limestone 76. Water from 65 to 76. Old well 18;gravel 26;brown limestone 48. Water at 46. Topsoil 4;brown clay 27;clay gravel 40;brown limestone 52.
		n VI n VII		11 21	J. Prince A. Podniewicz	Durham Drillers A. Loucks	May 2, 1962 Apr.26,1962	6 <del>1</del> 6	30 10	60 15	20 5	:	D,S D,S	Water at 52. Topsoil 2; boulders 70; gravel 72. Water at 72. Clay boulders 43; gravel shaly rock 50; blue grey limestone 88½. Water from 75 to 88½.
Mono HSE	Twi	p. n I	lot	1	T. Lingard	C. Smith	Apr.12,1960	24	8	45	27	Fresh	D	Stony clay 24; limestone 45; blue red shale 80. Water from 45 to 80.
₩ HSE	Con	n I	**	1	J. Enfield	*	Apr. 5,1960	4	8	50	26	*	D	Stony clay 18; limestone 45; blue red shale 80. Water from 45 to 80.
HSE	Con	n I	77	1	D. Butt	R.H. Gadke	Nov. 8,1961	4	6	80	60	*	D	Clay boulders 20;gravel 30;grey limestone 80;blue shale 120. Water at 110.
HSE HSE	Con	n I n I		6	G. Tortington M.A. Gross	G. Tortington C. Smith	Sep.30,1963 Jul. 9,1963	36 4	4	46	42	*	D,S	Tops611 2; stones gravel 48. Water from 42 to 48. Gravelly clay 30; clay boulders 70; sandy clay loose rock 85; limestone 90. Dry hole.
HSE HSE				12 20	A. Smith W.M. Scott	C. Shropshire C, Smith	Sep.23,1962 Jul.30,1963	4 4	5	55 65	53 26	*	D,S D	Silty sand 70; fine sand 77; white limestone 83. Water at 82. Old well 25; stony clay 35; blue clay 76; red shale 140. Water
HSE	Con	n ·I	w	32	C. Goodly	Water Well Drilling	May 11,1962	4	4	55	35		D	from 125 to 140. Clay 4; hardpan gravel 27; light brown limestone 26; blue red shale 130. Water at 129.
		n II n II		1 5	B. French W. Caughlin	G. Tortington	Nov.27,1962 Apr.25,1963	36 36	4 5		9 75	**	D,S D,S	Sandy loam 11; coarse sand 151; cuicksand 20. Water at 9. Sandy loam 5; stone gravel 40; grey clay loam 65; coarse sand
HSE	Cor	n II	10	7	B, Brailsford	C. McClure	Oct.19,1961	5	8	188	188	*	D,S	75; fine sand gravel 25. Water at 75. Stony gravel 75; soft brown clay 95; blue clay 250; red sand 256; red shale 288. Water from 256 to 288.
HSE	Con	n II n II n II	**	8 14 15	W.J. Grant B. Coulter S.S.# 7	WaterWellDrilling C. Shropshire C. Smith	Dec.16,1963 Oct.23,1962 Mar. 8,1962	4 5 4	10 6 5	40 40 25	40 38 20	*	D D P	Fine sand 105; red shele 147. Water at 147. Old well 23; gravel stones 50; hardben 53; gravel. Water at 53. Topsoil 2; brown clay 25; layers soft limestone 33; rock gravel.
		n II n III		18 2	R.B. Thompson I. Pearson	Ladco Drilling	Jul.17,1963 Oct.18,1962	4	10 6	60 80	58 45		D D,S	Water from 32 to 33. Clay 38; boulders clay 65; limestone 75. Water from 65 to 75. Clay rocks 35; sand 50; clay rocks 115; light grey limestone
HSE	Cor	n III	W	5	G. St111	Water Well Drilling	Jun.11,1962	4	5	250	200	Salty	D,S	154. Water at 153. Topsoil 2; sand 30; hardpen 50; gravel 60; sand 75pgrey clay
HSE	Cor	n III	*	5	J.A. Hayman	G. Tortington	Dec.14,1962	36	2		57	Presh	D,S	140; sand 282; red grey shale 467. Water from 457 to 467. Topsoil 2; coarse gravel stone 24; fine sand 40; coarse gravel
HSE	Con	n III	*	8	HockleyValley	Ladco Brilling	Dec.2, 1963	4	6	175	150	w	P	45; coarse sand 57; coarse sand pebbles 66. Water at 57. Sand small clay layers 285; grey clay rock 383; grey shale sandstone 495. Water from 480 to 490.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Mon	ERIN COUNT o Twp c E Con III	ont.			C. Smith	May 17,1960	4	8	63	61	Fresh	D	Boulders clay 39; shaly limestone 48; limestone 78. Water from
	E Con III	le e				May 27,1960 Nov.12,1963		6	90 58	40 53	:	D D	61 to 78.  Gravelly clay 30; red shale blue shale 144. Water from 80 to 144  Gravelly clay 20; sandy clay gravel stones 50; gravelly clay 70;
	E Con IV		1	P. Tauchen	•	Jul.20,1960		4	120	22		D	gravel 72; Water at 70. Gravel clay mixed 60; sandy clay 100; gravelly clay 110; blue dolomite 160; blue red shale 190. Water from 110 to 190.
HS	E Con IV		10	M. Lucyk		Nov.28,1961	4	6	55	25		D	Stony clay 7; hard layers brown clay 15; gravel stones clay 30; red shale 92. Water from 75 to 92.
HS	E Con IV	*	10	D. McKinnon	Water Well Drilling	Oct. 5,1962	4	8	45	45		ם	Dug well 37; mixed sand gravel 110; gravel 113. Water at 113.
HS	E Con IV	**	22	R.W. Holmes	C. Smith	Dec.11,1961	4	2	135	45	*	D	Sandy clay 15; brown clay 40; sand 57; red shale 153. Water from 135 to 153.
HS	E Con IV		24	C. Eutledge	•	Oct. 8,1962	4	3	125	66	*	מ	Gravel stones brown clay 90; stony blue clay 105; red'shale
	E Con IV		25			Oct.28,1963		10	63	58		D	Gravelly clay sand 75;grovel 80. Water from 75 to 80.
	E Con IV				C.E. Snider	Nov. 4,1963 Apr.12,1963		8	75 95	58 65 68	:	D	Gravelly clay 60; sandy layers 95; grevel 97. Water at 95. Topsoil 1; brown sand 65; stones hardpan 70; brown sand yellow clay red clay blue clay 82; blue clay 85; red stony clay 95;
HS	E Con IV	•	29	C. VenWagner	C. Smith	Aug.30,1961	4	2	250	90	•	מ	red blue shale 125. Water at 123. Topsoil 3;stony clay 15;gravel clay 60;sand 120;blue clay 260;sandy clay layers red shale 270;solid red blue shale
HS	E Con V		1	T. Tiffin	*	Sep.21,1960	4	4	50	Flows	*	D	316. Water from 290 to 316. Clay 70; sand clay fine gravel 81. Water from 78 to 81.
HS	E Con V		18	E. Coleman		Mar.26,1962		3	135	60	*:	D	Topsoil 2; stony brown clay 30; sandy brown clay 46; limestone
HS	E Con V		25	Dr.C. Hanes	•	Oct. 6,1961	4	8	46	45	•	D	59; red shale layers blue shale 155. Water from 10 to 155. Topsoil 4; gravel stones clay 18; brown clay 30; stony brown clay 5; gravel 60. Water from 56 to 60.
HS	E Con V		25	J. Smart		Jul. 3,1962	4	10	20	Flows	•	D	Brown clay layers sand 21; grey clay 33; gravel 35. Water from 33 to 35.
HS	E Con VI		8	B. Galbraith		Oct.34,1961	4	8	80	22		D,S	Topsoil 3; brown clay 6; soft layers limestone 14; limestone 24; blue red shale 135. Water from 100 to 135.
HS	E Con VI	- 18	17	J.S. Anderson	Babuik Well Boring	Mar. 5,1963	30	11	42	24	•	S	Red clay boulders 23; red shale 43. Water at 39.
HS	E Con VI		20	M.K. Lindsy	C. Smith	Aug.22,1963	4	8	85	70	*	D	Sandy clay 50; blue clay 100; gravelly clay 105; gravel fine sand silt 107. Water from 100 to 107.
HS	E Con VII		21	S.S.# 21	•	Mar.16,1962	4	4	80	42	•	P	Stony brown clay 45; gravelly brown clay 55; blue clay 71; blue shale 120. Water from 100 to 120.
HS	E Con VII	*	23	K. Haddock	•	Oct.13,1961	4	7	95	90	*	D,S	Old well 42; blue clay 108; sandy blue clay 112; gravel red shale 118. Water from 112 to 118.
	E Con VII	*	24		G. Tortington	Oct. 1,1962		3 2		4		D	Sandy loam 12; coarse gravel stones clay 10. Water at 42.
	E Con VIII		27 28		Babuik Well	Sep.29,1962 Nov.21,1961		3	Ì	20	2	D,S	Clay loam 2; red clay 20; grey limestone 28. Water at 20 and 28. Brown clay 5; gravelly brown clay 9; sandy brown clay 18; gravel
	E Con VIII		29	R. McKelvey	Boring	Nov.16,1962	30	1		23		D,S	21; blue clay 31. Water at 18.  Sandy brown clay boulders 23; gravel boulders 26; sandy blue
	W Con I		3	R. Stewart	R.H. Gadke	Jun.21,1960	-	8	65	30	Salty	C	clay boulders 34. Water at 23. Old well 18 houlders hardpan 49; red blue shale 144. Water at
				1.00	C. Smith			6					65 and 114.
	W Con I		7	Edelbrock Bros Edelbrock Lumber Co.	Water Well Drilling	May 4, 1960 Sep.24,1962		7	90	50 47	Presh	D,C	Clay boulders 60; sand 65; blue shale 150. Water from 120 to 150 Gravel 12; sand boulders 78; blue shale 134; hard grey limestone 136. Water at 135.
	W Con I		7 11		G. Tortington C. Smith	Nov.1, 1962 Jan. 7,1963	36	50	40	5 26	:	C	Topsoil 2%; coarse gravel 6; coarse sand 11; blue clay . Water st Stony clay 24; shelly limestone clay 40; brown limestone 65; white limestone 78. Water from 60 to 78.

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		IN COUN		ont.										
		Twp Con I	cont.	16	P. McKelvey	C. Shropshire	Aug.15,1963	6						Brown clay boulders 30; cemented gravel gray clay 69; large boulder 70. Dry bole;
	HSW	Con I	•	27	H. Rutledge	C. Smith	Jan. 17, 1961	4	6	54	48	Fresh	Ď	Dug well 50; coarse sand 70; sand clay 90; clay gravel stones 98; limestone 117. Water from 105 to 117.
	HSW	Con II	•	4	J. Kovacs		Jul,28,1960	4	5	40	16		D	Sandy clay 24; shelly limestone 32; limestone 60. Water from 50 to 60.
	HSW	Con II	•	4	J. Farmer	*	Jul.13,1961	4	25	28	8	•	D	Sand gravel stones 10; clay boulders 33; limestone 70. Water from 50 to 70.
	HSW HSW	Con II Con II		4 4	W.E. Neumann A.&E. Cunning-	n	Nov.30,1961 Nov.13,1962	4	8	15 20	11 15	•	D D	Sandy clay 30;gravel shaly limestone 40. Water from 37 to 40.
	HSW	Con II	*	8	hem E. Hunt		Dec. 3,1963	4	6	23	18		c	limestone 60. Water from 55 to 60. Stony clay 25; sandy clay 30; shelly limestone gravel 40;
	HSW	Con II		21	W.D. Meitz	*	Dec.10,1963	4	12	10	5		D	limestone 50. Water from 30 to 45. Stony clay 10; sandy clay 28; shelly limestone clay gravel 33; brown limestone 48. Water from 40 to 48.
	HSW	Con IÌ	*	24	H.J. Burton	, w	Aug.28,1963	4	15	Flows	Plows		С	Black muck 2; yellow sandy clay 20; blue grev clay gravel
	#SW	Con II		32	H. Watson	Water Well	Jan.25,1960	4	8	21	21	•	D, C	stones 50; shell rock gravel 60. Water from 55 to 60. Brown clay 42; grey brown limestone 56; blue red shale 111.
	HSW	Con II		32	G. Wissen	Drilling Ladco Drilling	Dec.29,1962	4	6	15	8		С	Water from 100 to 111. Sand 37; clay rocks 47; gravel sand 50; blue white limestone 60.
	HSW	Con III		13	L. DeAngelis	C. Smith	Oct.29,1960	4	10	24	12		D	Water from 47 to 50. Dug well 30;gravel stones clay 71;hard limestone 89. Water
	HSW	Con III		32	Dr.E.Erickson	Durham Drillers	Oct.22,1962	4	18	25	20		D,S	from 75 to 89.  Open hole 18;gravel 25;grey clay 40;sandy clay 50;stony clay
85														70; brown rock 88. Water at 70 and 95.
		r Twp.												
	HSE	Con I	lot	. 1	F. Brown	C. Smith	Nov.26,1960	4	4	117	114	Fresh	D	Clay boulders 20; gravel stones clay 78; grey clay 119; limeston 132. Water from 123 to 132.
	HSE	Con II		18	W. Kilbourne	•	Oct.21,1960	4	6	50	28		D	Coarse sand 30; sandy clay 90; gravelly clay 95; blue shale 98. Water from 95 to 98.
	HSE	Con II	•	20	J. Findlay		Jun.29,1962	4	6	75	52		D	Saindy brown clay 6; boulders clay 17; sharp coarse sand 47; brown clay 68; stony blue clay 97; blue shale 105. Water from 100 to 105.
	HSE	Con III	•	22	I, Robertson		Aug.14,1961	4	5	80	50	*	D	Sand 3; gravelly clay 25; sand brown clay 100; coarse sand 115; blue clay 167; gravel blue shale 170. Water from 167 to 170.
	HSE	Con III		30	D.E.Johnston	Abercrombie & Jackson	Dec.22,1961	14	3	96	39	*	D,S	Red clay stones 14; light brown rock 55; red shale 108. Water at 105.
	HSE	Con IV		55	H. Mesdag	Babuik Well Boring	Apr. 8,1961	30	150	ł	33		In	Brown sand gravel 7; hue clay 44. Water at 42.
	HSE.	Con IV	*	22		, soring	Nov.17,1962	30	2		30		D,S	Sandy brown clay 28; hard sandy brown clay 30; brown sand 40; sandy brown clay 42. Water at 30.
	HSE	Con V		1	Ont.Dept.of Highways	Water Well Drilling	Mar.28,1963	4	8	60	50	Ħ	P	Clay gravel houlders 16; sand 74; red blue shale 10; blue limestone 242. Water at 240.
	HSE	Con V	*	7	D. McLaughlin	C. Smith	Sep.26,1962	4	4	135	125	*	ס	Brown sandv clay 43; brown clay gravel stones 78; silty sand 90; blue clay 185; fine sand blue clay 190; fine gravel 192.
	HSE	Con V	•	12	O. McKee	Babuik Well	Oct.12,1961	30	60		20		D	Water from 190 to 192. Bored hole 15; red shale 25. Water at 20.
	HSE	Con V		25	J.H. Gillespie	Boring	Oct.21,1960	30	120		16		D	Sandy brown clay 21; sandy gravel 6; fine brown sand 332. Water at 16.
	HSE	Con VI		6	E. Gallougher		Mar.21,1962	36	25		23		D	Sandy clay 25; gravel 27. Water at 25.
		Con VI Con VI		27 28	Hamilton Bros. R. Lange	:	May 15,1961 Nov. 5,1962	30 30	6 <del>1</del>		16 28	:	D,S	Brown sand 2; gravel 8; brown sand 27½. Water at 16. Sandy brown clay 26; fine sand 43. Water at 28.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

-		L	OCATI	ON			OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T.PUPT.	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
M		r T	COUNT VI	COT			C.R. Lennox	Babiuk Well Boring	Nov. 2,1962	30						Sandy brown clay 6; coarse brown sand 75. Dry hole.
	ise ( ise ( ise (	Con	AI		3	0	E. Macs E. McDonald		Nov. 3,1962 Nov. 3,1962 Oct.10,1961 Nov.27,1961	30 32 30 30	1 50		10 23	Fresh	In D	Sandy brown clay 17; coarse sand 40. Dry hole. Hard sandy brown clay 22; coarse sand 42. Dry hole. Bored hole 12; sandy brown clay 29. Water at 10. Sandy brown clay 2; gravel 10; sand 16; sandy clay 28½. Water at 23.
	ise (		I I		1		A. Hubrecht B.J. Langdon	M. Babuik King City Well Drilling Co.Ltd.	Mar.29,1961 Sep. 7,1962	30 4	10		2	•	In	Sandy brown topsoil 12; gravel 15; grey clay. Water at 12. Topsoil 1; stones gravel 25; medium yellow sand 52; fine yellow sand 72. Dry hole.
	isw (				1	6	:		Sep. 9,1962 Sep.17,1962	4	6	25	11	Fresh	D	Topsoil 1; stones gravel 25; yellow sand 45. Dry hole. Topsoil 1; stones sandy clay 17; yellow sand 35; med'um yellow sand 42. Water at 36.
	isw (	Con	I		1	6	•	•	Sep.22,1962	4	10	100	14	•	D	Topsoil 1:stones clay 12:yellow clay 22:yellow stones sand 34:blue clay 88:blue sandy gravel 94:blue clay 96:blue sand 101:blue clay 110:blue sand 114:blue sandy clay 140:shale 170. Water at 88 and 154.
9	ISW (	Con	1	•	2	0	F. Attwood	C. Smith	Jun.20,1962	4	5	132	115	•	D	Sand brown clay 40; sharp coarse sand 110; sandy brown clay
	isw (	Con	I	•	2	4	T. Prowe	Durham Drillers	Aug. 9,1963	4	12	108	108	•	D,S	155; gravel blue shale 157. Water from 155 to 157. Topsoil clay 20; clay sand 35; clay sand gravel 55; cemented gravel 68; soft limestone 76; gray rock 140; shale 175. Water
	ISW (	Con	II	•	1	-	J. Booth	C. Smith	Jul.28,1961	4	25	28	6		D, C	at 160. Brown clay 15; brown clay gravel stones 24; soft brown
) •	ISW (	Con	II	•	3	1	S.S.# 20	M.S. Bellerby	Sep.10,1960	5	5	50	50		P	limestone 55; blue red shale mixed 65. Water from 50 to 65. Sand clay mixed 25; loose limestone 40; white limestone 135.
	isw (	Con	III	•	1	9	E. Westecott	Abercrombie & Jackson	Jul.11,1961	4	3	130	128	•	s	Water at 125.  Brown clay gravel 20; gravel 75; gravel clay 130; brown limestone 150. Water from 145 to 150.
0	range	evi	lle T	own		ľ	J.M. Case	Water Well	Jan.12,1960	4	7	17	7	Presh	С	Dirty gravel 50; sand 70; red brown blue shale 92; blue red
0	range	evi	lle				Can. Christian Reform Church	Drilling H.H. Gadke	Aug.18,1960	4	10	18	18	•	P	shale 150. Water from 10 to 50 st 100 and from 125 to 135. Brown clay fill 15; boulders hardpan 72; loose brown shale 82; limestone 86. Water from 82 to 36.
3	nelbu	urn	e Vlg				W. Little	R.H, Gadke	Apr.26,1960	10	25		Plows	Fresh	P	Peat bog 12; gravel 18; brown limestone 32. Water at 32.
A	IN ( Ldbor BF	0.00	NTY gh Tw		ot 1	2	W. Blain	W. Marsh	Aug. 5,1961	4	ŧ	129	45	Fresh	D	Brown clay 6; sand 7; clay 30; clay stones 120; hardpan 139; coarse gravel 141; medium gravel 145; fine gravel 145; sand 148.
	3P				1	3	•	V.& R. Lather	Mar.21,1961	4						Water at 140. Previously drilled 170; hardpan 182; soft white shale 191. Dry
	BP B <b>P</b>				1	4	Besttle Haven	G. Evans	Nov. 1,1962 Nov.15,1962	5 5	6	193	30	Fresh	N	hole. Blue clay 138; sospstone 200. Dry hole. Blue clay 136; gravel silt 138; sospstone 200. Water from 136
	BP .				1 4	5			Jul.15,1963	11	25 35		14	*	P	to 138. Fine gravel 16; coarse gravel 19. Water from 14 to 19. 5 point
	Con T				5		ElginPetroleum Corp. Ltd. Can. Cities Serwice	W. Marsh International Water Supply	Apr.28,1962 Jan.12,1962	1	35	130	90 85		In T	Sand 5; clay 80; clay stones 142; hardpan 164; medium gravel 166; gravel sand 174; sand 194; gravel 199. Water from 164 to 194. Brown clay 15; gray clay gravel 110; gray clay harder gravel 124; gray clay gravel boulders 138; gray clay gravel 177; coarse gravel 180; gray clay boulders 188; coarse gravel 189; gray clay boulders 207; coarse gravel 214; cemented gravel boulders 219; gray clay gravel boulders 236.

	LGIN COUNTY -												
	Aldborough Twp Con V	1ot		Can. Cities	International Water Supply Ltd.	Peh. 2,1962	10	300	100	84	Fresh	In	Topsoil 1; brown clay 15; blue clay gravel streaks 110; blue clay hard streaks 124; hard clay coarse gravel boulder 138; clay gravel 177; gravel clay cemented streaks 200; gravel clay
	Con VII	*	A	J. Gossnell	W. Marsh	Jan. 2,1963	63	2	215	80	•	D,S	221; cemented gravel 224; gravel sand clay 241. Gravel 8; blue clay 110; hardban 180; red clay 205; hardban 210;
	Con VII Con IX Con X Con XI	*	16 9 4	R. Smith G. Prieksaites D. Mylrea A. Sura	Hadco WellDigging	May 30,1962 Sep.20,1962 Jul.23,1963 Nov.17,1962	30 30 30 30	4 3 3 1	20 19 25 29	7 12 8 8		D D S D, C	gravel 2i5;hardpan 226;gravel 230;black shale. Water at 230. Topsoil 1;brown sand 7;grey sand 12;blue clay 20. Water at 7. Topsoil 1;brown sand 7;grey sand 19;blue clay 20. Water at 12 Topsoil 1;brown blue clay 30. Water at 8. Topsoil 1;brown sandy clay 7;gravel 8;blue clay 30. Water at
	Con XIII	*	4	Pentecostal	R.M. Campbell	Jun.23,1960	4	7	60	22		P	8. Sand 12;soft blue clay 160;brown clay 220;grey clay 242;brown clay 259;grayel 260, Water at 259.
	Con XIII	*	4	Church	*	Jul. 6,1960	4	P	60	50		P	Send 16; soft blue clay 254; hardban 259; gravel 260. Water at 259.
	Con XIII		9	W. Kriter	S. Earl	Nov. 8,1962	4	6	100	32		D	Sand 9; blue clar 212; pink clay 243; grovel 246; grey shale 247 Water from 246 to 247.
	Con XIII	**	11	M. Mistele		Oct.27,1962	4	5	100	40	*	D	Sand 3; clay 215; hardpan 230; gravel stones 235. Water from 230 to 235.
	EDBF Con IV	**	3	D. Simpson	Hadco Well Digging	Sep.21,1962	30	3	19	8	**	D	Topsoil 1; brown sand 6; fine gravel 10; blue clay 20. Water at 8.
	EDBF Con IV	**	20	W. Hind	, , ,	Jun.22,1962	30	2	17	7	**	D	Topsoil 1; brown sand 7; brown coarse sand 8; blue clay 20. Water et 7.
87	Gore	**	1	Can.Kewanee Ltd.	Internetional Water Supply Ltd.	Sep.28,1962	10	195	80	76	**	In	Topsoil 1;silty send 6;crey clay grevel 108; cherse send gravel clay 112; sand gravel 236; sand gravel clay streaks
7	Gore	*	21	G. Nethercott	Hadco Well Digging	Feb.26,1962	30	3	27	8	"	S	241. Water et 112. Topsoil 1; brown fine sand 8; blue clay 21; grey clay 27. Water at 8.
	WD Con I	**	3	F. Mann	R. & V, Lather	Nov.25,1960	4	5	103	80		D,S	Grey clay 112; fine sand 140; herdban 206; fine send 208; herdban 235; sand gravel 238. Water at 235.
	WD Con II	*	14	H. Brewer	"	May 18,1960	4	3	90	50	"	D,S	Sand 2; clay 151; sand 153; sand gravel 156; hardban 158. Water et 153.
	WD Con IV WD Con V		4 14	H. Johnston W. Johnson	S. Earl	Apr. 6,1963 Aug.22,1963	4	5	98	98	**	D,S	Clay 97; fine sand 235; fine gravel 237. Water at 235. Sand 11; clay 175; hardban 182; clay 259; hardban 30°; grey shale 304. Dry hole.
	Aylmer Town			P.U.C.	International Water Supply Ltd.	Dec. 2,1960	5					T 1-60	Brown clay 8; clay gravel boulders 58; gravel 59; clay gravel 67; silt sand 100; clay gravel 138; dirty gravel 141; clay gravel 147; dirty gravel 150; clay gravel small gravel streaks 162; gravel 163; clay gravel 189; silt sand 255; clay 270.
	Aylmer			19	**	Dec. 7,1960	5					T 2-60	Brown clay 8; clay gravel odd boulder 65; silt sand 73; silt sand streaks clay 80; silt 92; silt clay 98; sand silt 100;
	Avlmer			E.T. Walker	W.E. Locker	Jul. 8,1961	5 <del>1</del>	4	65	45	Fresh	С	clay 101. Yellow clay 56; fine sand 70; coarse fine sand 93; blue clay 94. Water from 70 to 93.
	Bayham Con I	lot	22	C.H. Kaufman	J.H. Weaver & Sor	Sep. 5,1962	1	8		50	Fresh	D,S	Tonsoil 1; yellow sand 5; white sand 9; hlue sand 32. Water at 20.
	Con I Con II	*	25 27	N. & R.Prong A. Buti	,	Mar.28,1961 Dec.21,1960	1	8		8 10	:	D,S	Open well 10;grovel fill 15;brown sand 35. Water at 8. Topsoil 1;yellow sand 10;grey quicksand 25. Water at 10.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATI	ON I		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY - m Twp IV			R. Borm	Hadoo Services	Mar.29,1963	30	5	28	15	Fresh	D,S	Topsoil 1; brown sand 11; blue clay 14; blue sand 25; grey sand
Con	IA		4	H. Millard	C. Warren	Apr, 26, 1960	5	5		30	Sulphur	D,S	32;quicksand 37. Water at 15 and 32. Yellow sand 10;grey clay 100;grey clay stones 165;gravel 174; clay stones 181;limestone 184, Water from 165 to 174.
Con Con		:	15 15	J. Csinos	W.E. Locker	Apr. 1,1962 Jan.11,1963	4 4	1 2	16	8 5	Fresh	D D	Yellow sand 11; fine grey sand 22. Water at 11.  Yellow sand 5; fine grey black sand 14; grey clay 18; fine grey sand 27. Water from 5 to 14 and from 18 to 27.
Con	IV		18	P. Voros	C. Warren	Aug.23,1962	5	6	200	160	•	D,S	Yellow send 15; grey send 33; grey clay 203; grey clay stones 281; black shale 283. Water at 283.
Con Con Con Con	IA			H. Gehring B. Wilks G. Lyce J. Wolf	C,H, Kent J.H.Weaver & Son L. Hodgson J.H.Weaver & Son	Sep.18,1963 Dec.24,1960 May 7,1962 Mar.14,1961	1	8 4 8		9 8 15	Fresh	D,S D,S D,S	Sand 22; blue clay 48. Dry hole. Topsoil 1; yellow sand 5; white sand 15. Water at 9. Fine sand 8; coarse sand 13; Water at 8. Topsoil 1; yellow sand 4; brown clay 9; white sand 15; brown
Con	٧		13	C. Humphrey	•	Mar. 7,1961	1	8		22		D,S	sand 24. Water at 15. Topsoil 1; yellow sand 4; brown sand 6; white sand 22; grey
Con	VIII		1 .	J. Daradics	C, Warren	Nov.11,1961	5	7	9	1.	•	D	quicksand 32. Water at 22. Loam 4:grey clay 21; sandy clay 55; blue clay 70; sand 88. Water
Con	VIII	•	3	A. Vermeersch	•	Peb.27,1961	5	5	65	46	*	D,S	from 71 to 88. Yellow loam 12; soft grey clay 70; fine sand 76. Water from 70 to 76.
Con	VIII	•	3	A. Dielman	•	Apr. 8,1961	5	10	60	44		Ir	Yellow sand 32; white sand 40; clay stones 108; fine sand 110; fine gravel 120. Water from 110 to 120.
con Con	AIII AIII	į	3 10 15	L. Fazakes C. Jackson V.Galeckas	Cole Water Wells	Apr.28,1961 Mar.25,1962 Dec.13,1963	5 5 5	10 5 4	25 80 150	Flows 66 100	Sulphur Presh	D,S	Clay 114; sand gravel 137. Water at 114. Yellow sand 76; fine sand 89. Water from 76 to 89. Open hole 32; yellow sand 55; outty sand 98; grey clay stones 130; putty sand 168; sand streaks gravel 174. Water from 169 to 174.
Con	VIII		17	A. Kupitis	•	Apr. 6,1963	5	5	90	68	•	Ir	Open hole 36; yellow sand 50; putty sand 104; grey clay stones 115; sand 126. Water from 115 to 126.
Con	AIII	•	22	C. Ray	Tillsonburg Pump Works	Jul.13,1961	2	8		54		D	Loam 8; sand 54; clay 69; putty sand 80; clay 103; putty sand 110; red clay 111; sand 123. Water from 111 to 122.
Con	VIII		23	O. Ostrander	W. Burwell	Dec.20,1960	2	4		71	•	D	Dug well 60; sand 68; clay 70; coarse sand 96. Water from 71 to 96.
Con	VIII	•	23	J. VanDenBrink	W.E. Locker	Oct. 3,1962	5	1	55	31	•	D,S	Black losm 2; coarse sand 36; blue clay 81; fine sand 90; blue clay. Water from 91 to 90.
	AIII		23 23	K. Lenghor J. Zylstra	W. Burwell W.E. Locker	Nov.26,1962 Dec.24,1963	1 5½	3	14 75	12 60	:	D D	Sand 18. Water at 12. Top sand 3;brown claw 18;silty sand 60;red clay 67;fine butty sand 9;clay. Water from 67 to 99.
Con	VIII		26	L.Alton & Son	•	Dec. 1,1961	5	7 <del>2</del>	80	78	•	S	Dug well 80; fine gravel 110; coarse sand 125; fine quicksand 134. Water at 80.
Con Con		*	2	A. Barham M. Rochas	C. Warren E. Hoover	Aug.23,1960 Nov.24,1961	5	5	30 45	Flows 30		D,S	Clay 117; gravel 120. Water at 117. Topsoil 2; red clay 8; blue clay 50; butty sand 70; clay gravel 89; sand 82. Water at 80.
Con	IX		4	A. Freed	G. Warren	Aug.31,1960	5						Yellow clay 12; putty sand 15; clay stones 170; grey clay 180. Dry hole.
Con	IX		4		W.E. Locker	Nov. 3,1960	4	2	26	23	Fresh	מ	Brown clay 30; clay gravel 57; sand gravel 59; fine gravel 63. Water from 59 to 63.
Con	IX	•	4		C. Strome	May 19,1962	4	2	44	24		D	Black loam 2; red loam 6; red clay stone 15; blue clay 48; gravel 51; sand 60; medium sand 65. Water at 60.
Con	IX		5	F. Phust	G. Warren	Sep.12,1960	5	6	30	14		D,C	Open hale 14; clay stones 45; putty sand clay 49; dirty gravel 50; sand 60. Water from 55 to 60.
On	IX		5	R. Норр	C. Norman	Nov.14,1961	3	10		Flows		מ	Topsoil 2; putty send 12; herd blue clay 56; gravel 58. Water from 56 to 58.

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E	LGIN COU	INTY -	cont.											
	Bayham T Con IX Con IX		cont.		T. Smith E. Wheaton	W. Burwell C. Norman	Nov.20,1961 Jul.6,1963	4 1	8	37	22 5	Fresh	D D	Clay 40; boulders 50; gravel 80; clay 90; gravel 97. Water at 97. Topsoil 3; fine sand 6; hardpan 7; sand 14; blue clay 16; medium sand 25; Water at 16.
	Con IX		*	9	J. DeWeale	•	Nov.20,1962	1	1		21		D,S	Topsoil 5; red clay 15; coarse sand 24; coarse sand 27. Water from 24 to 27.
	Con IX Con IX		W	21 22	G. Rugienes H. Sawyer	T.V. Kessel W.E. Locker	Aug.12,1963 Nov.11,1961	2 5	3 8	59 66	63 51	:	D,S D	Sand 59; coarse gravel 63. Water at 58.  Dark sand 3; sandy loam 11; yellow clay 38; blue clay 55; fine quicksand 70; grey brown sand 81; fine gravel coarse sand 86; clay. Water from 81 to 86.
	Con IX		•	23	B. Baldwin	Warren Water Wells	Nov.15,1963	6 <del>2</del>						Yellow sand 10; grey clay 70; putty sand 108. Dry hole.
	Con IX		**	25	S. Davidson	Burwell & Evanitski	Jul.28,1961	4	8	75	65	Fresh	D	Old well 12; sand 22; clay 45; sand 60; putty sand 84; clay 86; sand 96. Water from 86 to 96.
	Con IX			26	R.Vermeersch	J.H. Weaver &	Oct. 6,1961	5	8		135		Ir	Topsoil 1; brown clay 5; blue clay 73; yellow send 132; brown clay 135; grey outcksend 160. Water at 135.
	Con X			5	W.J. Hansford	Burwell & Evanitski	Mar.29,1961	2	6	19	18		D	Stony clay 15; blue clay 60; sand 71. Water from 60 to 71.
	Con X		*	5	D. Nelson	G. Warren	Sep.22,1961	5	5	125	53		D	Clay stones 80; gravel 102; sand 106; clay 110; gravel 127; sand 130. Water from 127 to 130.
	Con X		99	6	F. Chilcott	E. Hoover & Son	Jun.26,1961	5	4	50	45	Sulphur	D	Topsoil 1; red clay 12; blue clay 80; clay stones 150; fine sand 200; brown limestone 218. Water at 218.
	Con X			9	O. Ferguson	•	Sep.18,1961	5	3	32	32	Fresh	D,S	Topsoil 1; red clay 10; blue clay 57%; fine gravel 58. Water at 58.
~	Con X		10	14	G. Peaker	G. Warren	Sep. 5,1962	5	5	79	32	v	D	Yellow clay 18; grey clay stones 4°; yellow sand 55; putty sand 65; dirty sand 79. Water from 65 to 79.
89	Con X		w	15	K. Gagnon	Burwell & Evanitski	Oct.11,1960	2	3	41	20	en	D	Sand 25; clay 40; sand 55. Water at 40.
	Con X		m	15	D. Boyd	G. Warren	Jul.3, 1962	5	7	51	45	m	D	Yellow sand 6; grey clay stones 28; sand 58. Water from 45 to 58.
	Con X Con XI			18 16	A. Blyth G. Elliott & Son	*	Jul.21,1961 Oct. 9,1962	5	1	57 70	45 53		D D,S	Grey clay 18; sand 50; fine sand 58. Water from 50 to 58. Yellow clay 8; grey clay 37; grey sand 55; fine sand 70. Water from 55 to 70.
	Con XI			19	T. Baker		Oct. 3,1961	5	2	67	42		D	Yellow clay 22; yellow sand 53; fine sand 67. Water from 60 to 67.
	Con XI		*	19	Ont.Dept.Of Highways	Warren Water Wells	Jul.19,1963	6 <del>1</del>	20	90	35	Sulphur	N	Yellow clay stones 19; yellow sand 66; fine brown send 71; clay sand 93; fine grey sand 98; grey clay stones 186; brown
	Con XI		99	19		•	Jul.31,1963	61	17	60	44	Fresh	P	limestone 188. Water from 66 to 71, 93 to 98 and at 188. Yellow clay stones 20; yellow sand 46; yellow clay 51; fine grey sand 71. Water from 51 to 71.
	NG			14	M. Verbrugge	G. Warren	Oct.20,1962	5	12	110	94	N .	D,S	Yellow sand 12;gravel 13;grey clay stones 62;yellow sand 102. Weter from 102 to 110.
	NG		**	22	J. Jurenas	•	May 18,1960	5	21/2	93	93	*	D,S	Topsoil 6;grey clay 40;blue clay 50;herd sand 67;putty sand 75;clay silt 93;sand 103. Water from 93 to 103.
	SG SG			5	B.Adlington A. McQuiggan	C. Norman	Oct.26,1962 Jul.21,1962	3	4 5	15 14	7 71		D	Topsoil 3; clay 32; medium sand 38. Water at 29. Topsoil 8; blue clay 20; medium sand 31. Water at 20.
	SG			25	F. Gurkleys	G. Warren	Apr. 4,1960	5	,	14	1.5		_	Yellow sand 19; putty sand 24; dry sand 26; putty sand 40; soft grey clay 140. Dry hole.
	SG SG			25 28	W.Lautensch- lager	J.H.Weaver &Son	Mar.28,1961 Feb.23,1961	1	8		10 14	Fresh	D D	Old well 6;gravel sand fill 20;grey quicksand 36. Water at 10 Topsoil 1;yellow sand 7; white sand 25. Water at 14.
	SG SG		* 1	28 13	B. Nevill	:	Peb.24,1961 Jan.24,1962	1	8 8	-	14 29	:	D D	Old well 16; white sand 25. Water at 14. Topsoil 1; yellow sand 6; brown clay 8; putty sand 12; brown clay 16; streaks putty sand clay 29; brown quicksand 40. Water at 8 and 29.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY - cont im Twp cont lot	123 123 124	R. DeClercq L. Burwell O. Bartha M. Coyle	J.H. Weaver & Son W. Burwell J.H. Weaver & Son	Mar.16,1962 Oct.7, 1963 Mar. 1,1961 May 19,1962	1 2 1	8 3 8 8		16 11 10 19	Presh	D D Ir D	Open well 16;grey quicksand 36. Water at 16. Sand 36. Water at 25. Onen well 15;oonse gravel 25. Water at 10. Topsoil 1;yellow sand 5;white sand 18;red clay 19;brown
TRN TRN	:		J. Reinhardt Norlynn Cop.	W. Burwell W. A, Belore	Oct. 2,1962 May 23,1963	5 1	3	20 12	18 12	:	D P	quicksand 30. Water at 19. Sand 36. Water at 29. Red sand 7;grey sand 10;sand 34. Water at 17.
TRN		125	C.P. Obyle	J.H. Weaver & Son	Jun.24,1961	1	8		12		D	Topsoil 1; vellow sand 4; brown clay 9; white sand 12; grey
TRN		125	L.Grent	C. Strome	Nov. 1,1962	1	2		15		ם	quicksand 30. Water at 12. Topsoil red sand 7; coarse white sand 19; medium white sand 30 Water at 30.
TRN	*	125	K. Williams	•	Oct.7, 1963	1	4		14	*	D	Red soil 10; white sand 17; grev medium sand 21; fine white sar 29. Water at 29.
TRN		129	J. Kennedy	J.H. Weaver & Son	Apr. 8,1961	1	8		22	*	D	Topsoil 1; yellow sand 4; brown hardban 12; white sand herdban streaks 22; grey quicksand 35. Water at 22.
TRN		133	C. Ball	G. Warren	Jun.14,1960	5	4	100	80	*	D,S	Open hole 22; putty send 60; grey clay 82; putty send 100; send 110. Water from 100 to 110.
TRS		110	C. Milmine	C. Warren	Jun, 2,1962	5	5	200	90	Sulphur	D,S	Sand 36; blue clay 43; muddy sand 77; blue clay 194; muddy sand 239; grey shale 242; black slate 247. Water from 242 to 247.
TRS	•	114	S. Gregson	J.H. Weaver & Son	eb.27,1962	1	4		50	Fresh	Ð	Open well 50; brown outcksand 56; clay 58; gravel 59; clay 60; quicksand clay streaks 70. Water at 50.
TRS	•	114	•	Warren WaterWells	Jun.25,1963	5	1	58	32		D,In	Yellow clay 8; sand 32; clay 52; fine grey sand 58. Water from 52 to 58.
TRS TRS TRS TRS	•	124	J.J.Murphy A. Seghers L. Holman C.E.Soper	J.H. Weaver & Son W.A. Belore J.H. Weaver & Son	Peb. 1,1960 Jul.14,1960 Oct.14,1960 Dec.28,1960	1 1 1 1	8 6 4 8		23 16 16 21	:	D,S D D	Open well 25; coerse brown quicksand 40. Water at 23. Red sand 16; grey sand 30. Water at 16. Grey sand 8; red sand 18; sand 31. Water at 18. Topsoil 1; yellow sand 9; white sand 21; grey quicksand 33.
TRS	•	124	L. Grant	C. Strome	Apr.27,1962	1	3		12	*	D	Water at 21. Gravel 5; yellow sand 14; white sand 16; medium white sand 20;
TRS	•	124	P. Davidson	J.H. Weaver & Son	Jul.10,1962	1	8		15		D	coarse white sand 30. Water at 20. Topsoil 1; yellow sand 6; white sand 15; brown sand 29. Water
TRS	•	124	A. Higgins	• .	Oct. 6,1962	1	8		18	•	D	at 15. Topsoil liyellow sand 9; clay sand streaks 18; brown sand 31.
TRS		124		W.A. Belore	Oct.18,1962	1	6		19	•	P	Water at 18. Brown sand 6;grey sand 38, Water at 21.
TRS	-	125	hide Tel. Co. F, Albright	J.H. Weaver & Son-	Jul.21,1960	1	8		12	•	D	Fill 3; topsoil 4; yellow sand 12; brown quicksand 24. Water at
TRS TRS TRS	:	125	F. Brook F. Catton J. Francis	W.A. Belore Chatterson &Belore W.A. Belore	Oct.17,1960 Aug.30,1962 Oct.2, 1962	1 1 1	6 5 4	14	12 14 14	:	D, C	12. Red sand 8; grey sand 13; send 33. Water at 13. Topsoil 1; red sand 5; white sand 17; send 35. Water at 17. Dark sand 1; red sand 7; grey send 16; coarse sand 31. Water at
TRS	•	125	C. Verbrugghe	Warren WaterWells	May 14,1963	5	1	52	25		D	14. Yellow send Sigrey clay stones 28; fine send 52. Water from
TRS TRS TRS TRS TRS		125 125 126 128	L. Grant A. Murray E.H. McCurdy R. Alward W. Fokorny H. Wood	C. Strome W.A. Belore C. Normen W.A. Belore J.H.Weever & Son	Oct.29,1962 Sep.12,1963 Nov.16,1963 Nov.28,1961 Oct.29,1960 May 3,1962	1 1 1 1 1 1	2½ 55 53 28	16 16	19 16 16 14 12 16		D D D D	28 to 52.  Open well 20; white sand 35. Water at 35.  Open well 4; red sand 8; grey send 18; sand 31. Water at 18.  Dark sand 2; red sand 6; grey sand 18; sand 35. Water at 18.  Sand 23. Water at 14.  Yellow sand 10; clay 20; sand 41. Water from 20 to 41.  Open pit 6; white sand 16; coarse gravel 23. Water at 16.

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ELGIN COUNTY - Bayham Twp												
TRS TRS	lôt	135 135	D. Ratz	J.H. Weaver & Son	Jul. 5,1962 Jul. 6,1962	1	8		18 17	Fresh	D D	Open well 18; grey quicksend clay streak 28. Water at 17. Topsoil 1; yellow sand 6; hard grey sand 17; grey quicksand clay streaks 29. Water at 17.
Belmont Vlg.			Borden's Milk	International Water Supply Ltd.	Apr.13,1960	4			221	Fresh	т 5-60	Topsoil 1; brown clay streaks silt 10; grey clay gravel streaks gravel sand silt boulders 40; grey clay gravel 105; gravel clay 121; hard clay gravel 131; grey clay gravel streaks 150; grey
Belmont			*	*	Apr.20,1960	4			23 <del>1</del>	•	6-60	cley gravel 180. Water at 121. Topscil 1; brown clay sand gravel streaks 10; grey clay streaks gravel send silt 106; gravel sand 123; grey clay gravel 126. Water at 123.
Dunwich Twp.	lot	8	S.McWilliam	Dolphin & Earl	Nov.15.1962	4	8	120	26	Fresh	D.S	Sand loam 4:vellow clay 14:blue clay 150:herdpan 156:gravel
Con III		23	L.R. Campbell		Oct.31,1963	5	5	90	60	•	D,S	sand 160. Water from 156 to 160. Sand 4; yellow clay 10; blue clay 120; sand silt 124; hardban gravel 235; hardban 245; brown grey limestone 247. Water from
Con V	*	C	Ont.Dept. of	C. Warren	Nov. 3,1962	6 <del>1</del>	15	125	40	•	P	203 to 233. Blue clay 274; gravel 286. Water at 276.
On VII	*	6	Highways S. McGugan	Hadco Well	Sep.19,1962	30	3	29	8		D,S	Topsoil 1; brown send 5; grey sand 9; blue clay 30. Water at 8.
Con VII		22	W. Deitrich	Digging L. Marcus	Jun.28,1961	4			30	*	N	Hard grey clay 258; soft grey clay 278; fine sand 186. Water
2 Con VII	*	22	M. VanDerBosch	G. Galbraith	Jun. 4,1962	4	5	50	26	*	D,S	at 278.  Grey blue clay 140; sand clay 145; red clay 174; grey sandy clay 196; sandy clay 205; grey clay 245; red clay 254; gravel hardpan gravel 267. Water at 267.
Con VII		22		W. Dale	Sep.25,1962	3	5	48	25	*	D,S	Previously drilled 264; sand gravel 279. Water from 270 to 279.
Con VIII Con IX	**	13 C	F. Doan Peace Williams United Church Centre	J.H. Weaver & Son C. Warren	Aug.10,1960 Jan. 4,1961	7	5 10	56	5 \$1	**	C P	Topsoil 1; brown send 4; brown clay 5; brown sand 10. Water at 5. Clay 200 sand gravel 229. Water at 203.
Con IX		4	J. Becker	Hadco Well Digging	Oct.26,1963	30	2	28	11		D	Topsoil 1; brown sand 13; blue clay 30. Water at 11.
Con IX	**	11	P. Hentz	L. Marcus	Aug.24,1961	ls .	4	131	95	•	D,S	Blue clay 125;dark blue clay 140;brown clay 150;brown sandy clay 185;sand gravel layers 187;sand gravel 224. Water at 187 and 224.
Con X	**	8	J. Hentz	Hadco Well Digging	Jul.20,1963	30	2	22	7	*	S	Topsoil 6; brown sand 9; grev sand 21; blue sandy clay 22. Water at 7.
Malahide Twp.						1					_	
Con I	lot		L.M. Eggleston	Digging	Nov.12,1963	271	2	18	14	Fresh	D	Topsoil 3; sendy clay 14; send 19; gravel 20. Water at 14.
Con I		19	E.C. Wolfe	W.L. McBeth	Apr.27,1961	5 <del>1</del>	5	160	100		D,S	Yellow clay 20; soft clay sand streaks 256; hardpan 260; sand gravel. Water at 260.
Con I Con II	*	30 11	H. Sommers H. Booy	W. Burwell C. Warren	Nov.12,1963 Oct.18,1962	5	5 1⅓	46	35 15 60		D,S	Clay 40; sand 53. Water at 40. Sand 12; sand clay 42; sand '46. Water from 43 to 46.
Con II		13	M. Demaiter	G. Warren	Jun.20,1962	5	5	100		Sulphur		Yellow send 30; grey clay 62; putty sand 80; clay 89; putty send 102; grey clay 251; black shele 258. Water from 252 to 257.
Con II	*	28	W.R. Cathers	J.H. Weaver & Son	Nov.7, 1960	1	8	u.	42	Fresh	D	Open well 40; white sand 55. Water at 42.
			e		ng ve		d					

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

L	OCATIO	om ,	2117	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T. PUPT.	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Malahide Con III	Twp.		ont.	H. Howe	H. Stewart	Dec.16,1960	6	ą.	160	130	Fresh	D,S	Clay 140; nutty send 160; sendy clay 260; sand gravel 266.
Con III Con III Con III Con IV			15 25 35 3	P. Liddle T. Gliniski S. Nagy Jr. W. Schram	C. Warren W. Burwell J.H. Weaver & Son C. Norman	Aug.19,1962 Nov.30,1960 Apr. 2,1962 Sep.15,1963	1	4 7 <del>1</del> 8	48	24 4 18 32		D,S D D,S N	Water at 266.  Sand 39; Mue clay 44; sand 51. Water from 44 to 51.  Dry sand 15; coerse sand 27. Water at 15.  Open well 20; brown nuicksand 35. Water at 18.  Topon 12; stony red clay 32; fine sand 90; blue clay 147. Water
Con IV		*	27	P. Pressey	•	Mar.18,1963	6	3	16	12		D	at 32. Topsoil 3;sand 12;fine sand 28. Water at 12.
Con IV Con V Con V			34 9 10	Estate M. Walcarius A. C. Howe M. Hendel	J.H. Weaver & Son E.Hoover & Sons	Apr. 3,1962 Nov.12,1960 May 19,1960	1 1 5	8		8 30	•	5	Open well 10; brown quicksand 25. Water at 8. Open well 32; blue quicksand 47. Water at 30. Topsoil 2; sand 120; blue clay 280; clay gravel 298; black shale 328; brown limestone 400. Dry hole.
Con V			10 10	G.Greenwood	H. Stewart W.E. Locker	Aug. 18, 1960 Jun. 26, 1961	7 51	4 21/2	25 81	20 40	Fresh	D D	Toysoil 20; fine sand 40; coarse sand 60; sand 85. Water at 85. Sand 3; yellow clay 53; fine sand 68; blue clay 72; fine sand 90;
Con V			24	M. Laidlaw	C.H. Kent	Oct.19,1963	5	3	100	22		s	blue clay 102; fine sand 122. Water from 102 to 122. Yellow sand 10; blue clay 35; sand clay 50; yellow clay 105;
Con V			30	T. Reynaert	L. Hoover	Dec.14,1962	5			70	Fresh		clay hardpan 117; sand gravel 121. Water from 117 to 121.  Brown red sand 80; lue clay 239; grey shale 247; brown limestone
Con V Con VIII	ı	*	2 <sup>4</sup>	T. Bertleff M. Speiser	E. Hoover & Son L. Hoover	Sep.24,1961 May 31,1962	5	3	65	60	Fresh	D,S	25%;grey shale 279;derk brown limestone 300. Dry hole. Topsoil 2;sand 50;blue clay 160. Dry hole. Topsoil 1;red clay 15;blue clay 92;sand gravel 83. Water
S con VIII	I		8	J. Widner	E. Hoover & Son	Dec. 5,1961	5	5	100	80	w	D,S	at 82. Topsoil 1; red clay 4; blue clay 60; silty clay 115; fire sand
Con VIII	I		10	E. Hoover	•	Aug.13,1960	5	3	85	60	J#*	D	135; sand 147. Water at 147. Topsoil 3; red clay 12; blue clay 10; grovel send 120; gravel
Con VIII	1		10	R.E. Hamilton		Jun.18,1962	5	5	120	50		D	125. Water at 125. Red clay 20; blue clay 50; sand clay 100; blue clay 162; sand 165.
Con VIII	I		10	& R. Smith D. Scott	•	Oct.10,1963	5	4	85	45		P	Water from 160 to 165. Blue clay 90; stones 95; sand clay 150; hardpan 159; sand gravel
Con VIII			11 18	G. Verstwegen A.D. Meindon-	W.L. McBeth	Jun. 2,19'0 Oct.21,1960	5 51	3 10	79 35	74 25	:	D D	160. Water of 159.  Topsoil 3; blue clay 90; fine sand 98; gravel 99. Water at 99, Red_clay 10; blue clay 30; sand 60; hardban 63; gravel 67. Water
Con VIII	I		30	ald N. Gascho	G. Warren	Jan. 6,1961	5	5	100	36	•	D,S	at 63. Yellow clay 21; yellow sand 24; grey clay 30; butty sand 36; clay gravel 182; saft clay 190; clay gravel 215; gravel 216.
Con VIII	I	*	30 12	S. Eicker W. Bredt	W.L. McBeth L. Hoover	Oct.19,1962 Jun.16,1962	5 <del>1</del> 5	5 4	165 62	90 60	:	D,S	Water from 215 to 216. Grey clay 35;sendy clay 230;hor*pon 242;gravel. Water at 242. Topsoll 2;red clay 15;blue clay 50;grey sand 80;fine grey
Con IX			28	B. Brooks	E. Hoover &Son	Dec. 2,1960	5	3	20	12	*	D,S	send 90; coarse grey sand 100. Water at 90. Topsoil 2; red clay 8; blue clay 40; fine sand 110; coarse gravel
Con IX			35	C.& O.	G. Warren	May 17,1962	5	5	55	47	Sulphur	D,S	120. Water at 120. Yellow clay 20; grey clay stones 52; grey sand 55; grey clay 72;
Con IX			35	Ostrander R. Service		Sep.14,1962	5	5	88	40	Fresh	D	dirty gravel clay 85; coarse sand 92. Weter from 85 to 92. Clay loam 3; hard clay stones 45; gray clay 60; clay stones 85;
Con X			22	R. Brooks	C. Normen	Mar.12,1963	3	2	25	24	•	פ	coarse sand 88. Water from 85 to 88. Topsoil 5; blue clay 15; fine sand 16; blue clay 57; coarse grave
Con X		•	28	K. Buchner	G. Warren	Nov.22,1962	5	10	25	17		D,S	58; Weter at 57. Yellow clay 16;grey clay stones 28;dirty grevel 38;coerse
North Go			30 34	S.J. Eicher J. Miller	C.H. Kent E. Hoover & Son	Jul.28,1963 May 24,1963	5 5	3	80 67	40 62	* Sulphur	s D,s	gravel 46. Water from 38 to 46. Previously drilled 242;gravel silt 264. Water at 242. Red sand 30;blue clay 120;sand clay 150;clay boulders 245; brown limestone 253. Water at 250.

	IN COU													
	lahide South G				L.R. Oliver	Cole Water Wells	Mar.21,1963	5						Yellow clay 18;grey clay stones 34;red sand 40;grey clay stones 142;dirty gravel 145;outty sand clay 148;grey clay stones layers butty sand 200;clay stone 255;black slate 277.
8	outh G	òre	<b>"</b> 2'	7	•	•,	May 25,1963	5				_		Dry hole. Yellow clay 16;grey clay stones 165;putty send 175;grey clay stones 200;grey clay streaks putty send 245;clay stones 254.
5	South G	ore	• 2	7	•	•	Jun.27,1963	5	6	200	50	Fresh	In	Dry hole. Yellow clay 16;grey clay 165;grey clay stone 200;grey clay streaks putty sand 245;grey clay stone 251;gravel 252. Water from 251 to 252.
1	'RN 'RN		" 7: " 7:	8	L. Norton A. Parker D.B.McCallum	H. Stewart W.L. McBeth	Jun.24,1960 Jul.15,1960 May 28,1960	5 5 5	2 4 5	30 24 60	30 24 25	*	D D	Clay 40; clay gravel 50; gravel 57. Water at 57. Clay 50; clay gravel 60; coarr sand 64. Water at 64. Stony clay 60; sandy clay 120; silt; sand 125; gravel 129. Water
	RN		* 10	_	W. Lang	Cole Water Wells	Aug.20,1963	5	6	100	60		D,S	at 125. Open hole 5; yellow send 12; soft grey clay 50; butty sand 65; grey clay stones 172; dirty sand streaks clay 178. Water from
	'EN 'EN		* 10 * 10	1	M. Owen R. Abell	J.H. Weaver & Son G. Warren	Dec.22,1962 Jan. 7,1963	1 5	4 10	75	7 60	# Sulphur	s D,s	Topsoil 1; yellow sand 7; brown sand 11. Water at 7. Yellow and 3; vellow clay 20; white sand 23; grey clay stones 87; red white sand 92; hard grey clay 140; red white sand 149; grey clay 210; putty sand 230; grey clay 251; s'elly rock 253.
9	RN		* 10	5	T w	Cole Water Wells	Mar.27,1963	5	2	117	92	Fresh	D,S	Water at 253. Yellow clay 20; grey clay stones 32; putty sand 35; grey clay
93	RS RS RS		* 7	4	G. Abel M. Brown E. Neukamm M. Hewson	H. Stewart C. Warren L. Hoover	Aug.31,1960 Aug.31,1961 Sep. 5,1961 May 2,1963	5 4 5	3 4 4 21	30 40 44 45	30 34 34 45	**	D D D	stones R0; sand 117. Water from 105 to 117. Clay 40; clay gravel f0; blue clay 70; gravel 82; Water at 82. Clay 30; gravel 3R; clay gravel f4; gravel 70. Water from 65 to 70. Sand 14; gray blue clay 50; sand 62. Water from 50 to 60. Topsoil 2; red clay 25; blue clay 70; sand gravel stones bardban
2	'RS 'RS		7 7	4	G. Buck N. Honsinger	C.H. Kent W.E. Locker	Oct.28,1963 Jun.30,1963	5	2	60 78	50 37		D D	Dug well 18; clay 63; send 75; read 29. Water from 75 to 79.  Brown clay 12; butty send 14; blue clay 69; fine send 70; blue clay hardpen 84; coarse sand fine grovel 85. Water from 84 to 85.
1	RS		* 7	В	Akron Brass	G. Warren	Mer.21,1961	5	1	63	31		In	Yellow sand 5; soft grey clay 30; clay stone 59; dirty fine sand 64. Water from 59 to 64.
7	RS		* 7	8	R. Wellwood	L. Hoover	Nov.16,1962	5	2	74	32	*	D	Previously drilled 47; hard sand gravel 74; dark grey sand 76. Water at 74.
7	RS		7	9	E. Scott	H. Stewart	Oct. 3,1963	5	3	35	25		ם	Topsoil 3; cloy 60; sand 71. Water at 71.
Po	ort Bur Port Bu	well V	Lg.		P.U.C.	International Water Supply Ltd.	May 3, 1960	5					T 1-60	Topsoil 1;brown clay 7;sil'v sand 29;sandy grev clay 108;grev clay streaks sand 189;hard grey clay gravel sand 201;black shale 212.
1	ort Bu	rwell			*	*	May 4, 1960	2	64	10	51	Fresh	T 2-60	Beach sand 3;silt 7;beach gravel 13;clay. Water at 7.
1	ort Bu	rwell		1	*	*	May 10,1960	2	15		4	**	T 3-60	Beach sand 15; coarse sand fine gravel 19; clay. Water at 15.
I	ort Bu	rwell			*	*	May 11,1960	2			1	*	T 4-60	Silty sand 6; sand fine gravel silt 8; fine sand 17; clay.
1	ort Bu	rwell					May 13,1960	2					T 5-60	Fine sand 19.
1	ort Bu	rwell			•	•	May 17,1960	6	42	10	1	-	T 6-60	Fine sand 6; fine gravel 14; clay. Water at 6.
	ort Bu				*	, <b>•</b>	May 18,1960	2			5	-	T 7-60	Fine sand 8; fine gravel 14; clay. Water at 8.
	ort Bu	rwell			.*	•	May 20,1960	2		L			8 <sup>T</sup> 60	Fine sand 19; clay.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

DOCAL	TION 1	OWNER	DRILLER	COMPLETION DATE	DIA- METER		PUMP- ING LEVEL	STATIC		USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Port Burwell Port Burwell Port Burwel	l Vlg -cont 11	P.U.C.	International Water Supply Ltd.	May 25,1960 May 27,1960						T 9-60	Beach sand 7. Dry hole.  Fine sand large rocks 15. Dry hole.
Port Burwel				May 27,1960						10-60	
Port Burwel				May 27,1960						11-60	Fine sand: large rocks 7. Dry hole.  Fine sand large rocks 9. Dry hole.
Port Burwel				May 27,1960						12-60	
17 900 0 100000 0000		_								13-60	
Port Burwel		_		May 31,1960						14-60	
Port Burwel		_	_	Jun. 1,1960						15-60	
Port Burwel			•	Jun. 1,1960				2	Fresh	16-60	Sand 6; fine gravel 14; clay. Water at 6.
Port Burwel	11	•	•	Jun. 7,1960	2	20	5	2		17-60	Sand 6; fine gravel 13; clay. Water at 6.
Port Burwel	11	•		Jun.13,1960	2			4	•	T 18-60	Sand 6; coarse gravel 13; clay. Water at 6.
Port Burwel		•	•	Jun. 14, 1960	11			3	•	T 19-60	Sand 6; coarse gravel 13; gravel. Water at 6.
Port Burwel	11	•	•	Jun.14,1960	13			3	•	T 20-60	Sand 6; coarse gravel 13; clay. Water at 6.
South Dorche											
Con VII	lot 8	W. MoIntyre	K. NoLeod & Sons	Jan.26,1960	357.31	6	60	58	Fresh		Blue clay 99;dirty sand 160; fine milty sand 183; gravel 185. Water at 183.
Con VII	* 8	H. Morris	G. Warren	Nov. 3,1962		10	50	33	•	D,S	Yellow clay stones 16; grey clay stones 53; dirty gravel 60; fine gravel sand 69. Water from 60 to 69.
Con VII	• 11	A.H. French	E. Hoover & Sons	Aug. 15, 1963	43	3	23	18	•	D	Clay 20; sandstone 40; hardpan 70; sand gravel 95; blue clay sone 130; blue clay 150; dirty gravel sand 180; clay stones 205; brown limestone 210. Water from 208 to 210.
Con VII	* 13	B. Bannett	Burwell & Evanitski	Mar. 1,1961	b.						Blue clay 100; silty sandy clay 170. Dry hole.
Con VII	* 13	•	W.L. MoBeth	Jul. 7,1961	51	10	55	14	Presh	D,S	Clay 6; sand 40; sand clay 90; hardpan 95; fine gravel. Water at 95.
Con VII	- 18	L. Helka	E. Hoover & Sons	Oct.31,1963	4½	3	54	18		D,S	Clay 20; grey sand 95; silt sand 120; clay stones 145; hardoan 190; clay streaks sand 223; grevel sand 228. Water at 223.
Con VII	. 22	M. Pettit	•	Sep. 8,1961	5	h.	60	40		D,S	Well pit 5; blue clay 25; fine sand 28; blue clay 40; fine sand
Con VII	* 24	C. Bartley	W. Dale	Apr.12,1962	5	8	38	29	Sulphu	D,S	100; clay stones 120; pasty sand 150; sand 155. Water at 155. Brown clay 15; clay gravel 42; blue clay 72; sand blue clay 123;
Con VIII	* 5	H. Row	E. Hoover & Sons	Mar. 1,1961	5	3	60	45	Fresh	D,S	hardpan 218; white limestone 220. Water at 220. Topsoil 2; red clay 20; blue clay 100; sand 140; gravel 145.
Con VIII	: 6 : 16	J. Charlton N. VanDenBrink	W.L. NeBeth	Nov.15,1960 Jul. 4,1960		5	25 80	20 50	:	D,5 D,5	Water at 145. Topsoil 1; red clay 10; blue clay 53; fine sand 55. Water at 55. Brown clay 20; blue clay 40; sand 110; hard scapstone 130; hardpan stones 165; hardpan 171; gravel. Water at 171.

ELGIN									->-					
	VIII	hester lo	t 17	nt	A. McCallum	W.L. McBeth	Jun.14,1963	53	5	40	30	Fresh	D,S	Brown clay 4; blue clay 40; sand 100; hard clay stones 111; gravel. Water at 111.
Con	VIII		18	1	C. Woods	E.Hoover & Sons	Sep.29,1960	5	2	110	90		D,S	Topsoil 1; red clay 15; blue clay 85; fine sand gravel 170; blue clay 180; fine sand 231; coarse gravel 233, Water at 231.
Con	VIII		21	1	D. Jenkins	K. McLeod & Sons	Sep.1, 1960	5	5	65	60	•	D,S	Blue clay 80; sind 90; blue clay 185; coarse sand 190; gravel 192. Water at 190.
Con	x		6	1	F. Sheppard	W.L. McBeth	May 25,1961	5 <del>1</del>	6	85	65	•	D,S	Brown clay 60;gravel boulders 90;stony grey clay 120; quicksend 135;gravel hardpen 150;sandy clay 175;hardpan 180; gravel 182, Water at 180.
Con	X	*	13		J. Stevens	E. Hoover & Sons	May 27,1960	5	4	95	70		D, C	Topsoil 2; red clay 10; blue clay 150; fine sand 160; coarse sand 163. Water at 160.
Con	X		13	1	B. Putnam	•	May 30,1961	5	4	60	50	-	D	Topsoil 2; red clay 30; blue clay 120; silt sand 150; sand 185.
Con Con		**			R. Bearss A. Grondon	C. Norman E. Hoover & Sons	Dec.?0,1963 Jul. 4,1963	3 5€	1 3	40 133	20 63	-	D,S	Dug well 20; blue clay 59; medium send 60. Water at 59. Red clay 20; blue clay 173; gravel send 174. Water from 173 to 174.
Con	XI	*	14	1	R. Brooks	W. Dale	Mar.15,1963	5	75	90	53		D,S	Brown clay 22; gritty grey clay 135; sand 150; blue clay 160; sand gravel 168. Water at 168.
Con	XI		15	1	K. McNell	•	Jul.24,1963	5	10	48	28		D,S	Brown clay 18; sort cley 29; blue clay 92; cemented gravel 149; sandy clay gravel 221; gravel 225. Water at 225.
Con	XI		16	1	K. Certright	E. Hoover & Sons	Jun.11,1960	5	2	70	60		D,S	Topsoil 2; blue clay 130; fine sand 150; gravel 155. Water at 150.
Con		*			K. Hiepieh A. VanRoestel	E.A.Mitchell E. Hoover & Sons	Dec.20,1963 Oct.26,1962	5 5	5 3	55 85	35 80	**	D D,S	Clay 85; sand 120; grovel 125. Water at 124. Red clay 12; blue clay 60; gravel sand clay 90; blue clay 151; gravel sand 152. Water from 151 to 152.
% Con	XI		24	1	D.M. Johnston	W. Dale	Apr.16,1963	5	17	80	53		D,S	Topsoil 4; brown clay 22; grey clay 64; grey clay grevel 129; gravel 136. Water at 136.
Con	XII	*	2	1	G. Buchner	G. Warren	Jul.7, 1960	5	10	35	15	**	D,S	Yellow clay boulders 23; gravel sand 52; nutty sand 71; sand 91. Water from 71 to 91.
Con	XII		9		J. Stewart	**	Aug.23,1960	5	21	135	90		ם	Yellow clay 20;grey clay 40;clay stones 59;soft clay 89; clay stones 101;dirty gravel 106;prey clay 141;sand 156. Water from 150 to 156.
Con	XII		12		J. Irish	E. Hoover & Sons	Jul.11,1962	5	3	60	48		D,S	Topsoil 10; clay 40; clay stone sand 80; blue clay 100; sand 120. Water from 100 to 120.
Con	XII	•	16	1	I. Warren	**	Nov. 2,1960	5	2	45	40	Sulphur	D,S	Topsoil 2; red clay 20; blue clay 170; fine sand 190; clay 230; fine sand 265; black shale 270. Water at 270.
Santh	wold	Turn												
Con	A	10	t 1		S.S.# 9 G. Blewett	R. Hudson Hadco Well	May 4,1963	36	11	24	12	Fresh	P	Brown clay 4; blue clay 21; sand 26. Water at 21.
con	A		2	'	G. Diewerr	Digging	Nov. 7,1962	30	2	28	18	*	D,S	Topsoil 6; brown gravelly clay 9; blue clay 18; brown sand 30. Water at 18.
Con	B	*	1	1	W.D. Shore	Wm. Dale	Jan.26,1960	5						Topsoil 2; brown clay 23; send clay 51; clay 95; clay gravel 170; clay 173; clay gravel 190. Dry hole.
Con	В	•	2	1	W.L. Brown	*	Nov.30,1963	5	5	96	42	Fresh	D	Yellow sand 5; blue clay 22; grey clay 27; sandy clay 44; blue gritty clay 112; herdpan 120; clay arvel 128; sand 132; grey clay 133. Water from 130 to 132.
Con	D	•	1		M. Mommerstees	H. Stewart	Jun. 6,1960	7	4	25	20	*	D	Grey clay 20; blue clay 80; clay gravel 118; gravel 138. Water at 138.
Con	ם	•	2		A. Andrews	E. Hoover & Sons	Oct.12,1960	5	3	110	40		D,S	Topsoll 2; red clay 10; blue clay 159; coarse sand 163. Water at 160.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LO	CATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
South Con	wold I	TY -	lot	cont	W. Latimer	Hadco Well Digging	Oct.24,1963		٠			_	_	Topsoil 1; brown clay 12; blue clay 40. Dry hole.
LRN	Da	•		7				5	5	160		Fresh	S	Topsoil 1; brown clay 18; blue clay 185; dirty gravel stones 195; blue clay 161; rock 270. Water at 185. Sulphur water cemented off at 262.
	rew trife				H. Ashton	C. Warren	Nov.21,1963	4	1	63	35	•	D	Clay 58; sand 63. Water from 58 to 63.
LRN	•	3	•	5	A. McCandless	Hadoo Well Digging	Jun.13,1963	30	2	62	49		8	Topsoil 1; brown sandy clay 11; grey sandy clay 49; blue coarse sand 53; grey gummy clay 64. Water at 49.
MRE		1		2	S. Campbell	•	Nov.12,1963	30	2	28	22	•	D	Topsoil 1; brown sand 4; brown sandy clay 21; grey sand 30; clay. Water at 22.
MRW RRE		I		7	D. Porter P.A. Loveday	C.H. Kent C. Warren	Oct. 9,1963 Sep.26,1961	5	3	100	72	Fresh	מ	Dug well 16; putty sand 50; blue soft sticky clay 65. Try hole. Sand gravel 4; clay 114; sand 116; blue clay 160; sand gravel 163. Water from 160 to 163.
RRE		II	-	5	G. Shaw	H. Stewart	Sep.20,1963	6	1	110	36		D,S	Top sandy clay 10; blue clay 106; coarse sand 118. Water from 106 to 118.
TRE 1	NS			18	Knox Presbyter	J.H. Weaver & Son	Jul.15,1960	1	4		20	: 88	P	Topsoil 1;brown clay 15;blue sand 20;blue quicksand 30. Water at 20.
TRE I				18	F. Fordham	:	Aug.31,1960	1 1	8		20		C	Fill 4; brown clay 24; grey quicksand 32. Water from 24 to 32.
TRE I				19 20	H. Jackson W. Burrges	•	Sep. 3,1960 Jun.29,1960	i	4		20		D,S	Brown clay 20; brown putty sand 27. Water at 20. Open well 20; brown quicksand 22; brown clay 26; brown quicksand 33. Water at 20.
TRE 1	NS			22	S. Lunn	•	Jul. 9,1960	1	5		10	•	D,S	Topsoil 1; yellow clay 10; yellow quicksend 14; brown clay 14½; yellow quicksand 16; blue clay 16½; blue putty sand 19. Water at 10.
TRE I				23 26	C. Culver T.J. Irwine	E. Stewart	Mar.17,1962 Apr.28,1962	1 61	10	35	15 35		D S	Open well 18; blue clay butty sand streaks 31. Water at 15. Sendy loam 25; blue clay 200; blue clay gravel mixture 291; hardpan hard blue clay 311; brown limestone 318. Water at 15. Sulphur water at 318.
TRE !	NS			37	Lyle Bros.	Hadco Well	Jul.25,1963	30	4	15	25		D	Topsoil 2; clay 40. Water at 15 and 40.
TRE !	NS		•	45	Dr.P.J.Lenard	Digging I.Lounsbury	Jun.15,1961	5	31/2	120	50	•	D	Brown sandy soil 5; blue clay 28; grey sand 32; blue clay 130; hardban 139; gravel 140. Water from 139 to 140.
TRE I	NS			45	S. Segal	G.G.Hussey & Son	Oct. 26,1961	5	50	100	15	•	D	Brown clay 10; blue clay 100; gravel coarse sand 105. Water at 100.
TRE I	ns		•	45	•	L. Hoover & Sons	Jul.24,1962	5	3	75	40	Sulphur	D	Topsoil 2; red cley 25; blue clay 139; sand gravel 140; blue clay 200; fine sand 230; sandy clay 262; bleck shale 277; brown limestone 285, Water at 285,
TRE I	NS		•	45	•	C. Warren	Sep. 6,1962	5	4	90	54	Fresh	D	Sandy loam 18; blue clay 138; sand gravel 140. Water from 138. to 140.
TRE I				45 18	J.G. Dewar	J.H. Weaver & Son	Sep.24,1962 Sep.17,1960	5	1 1 2 8	108	12 14		D D	Blue clay 104; sand gravel 108. Water from 104 to 108.  Open well 20; blue ouicksand 25; blue clay 27; blue ouicksand 33;
TRE S				21	S.S. # 12	•	Sep. 5,1960	1	6		14		P	Water at 20. Topsoil 1; yellow send 4; brown clay 14; blue quicksend 30.
TRE S	SS			21	•	E. Ştewart	Aug.16,1962	6 <del>}</del>	10	270	45		P	Water at 14. Yellow loam sand mixture 20; blue clay 265; clay gravel 275;
TRE S	55			21	•	` •	Aug. 17, 1962	61			12		P	blue clay 285; sand 295; brown limestone 400. Water at 270. Blue loam sand 8; sand gravel 13; blue clay 30. Water at 13.
TRE S	33			21		R. Hudson	Sep.13,1963	61 36	1 4	16	8	Fresh	P	Sand S;quicksand 20. Water at S.
TRE S				24	H.F. Fulton	J.H.weaver & Son	Mar. 7,1962 Dec.21,1963	30	2	18	18		D,s	Topsoil 1; brown clay 14; blue clay 18; streaks butty sand clay 32. Water at 18. Clay 6; brown sand 9; clay 10; brown sand 19; blue sand. Water at

		COUN													
	TRN TRN	ES	TWD.	lot	cont. C D	B. Carr J. McNevin	C. Warren	Oct.24,1961 May 10,1960	5 5	4 5	100 100	27 40	Fresh	D C	Blue clay 231; sand 238; sand gravel 247. Water at 231. Clay 143; gravel 145; clay gravel 220; gravel 233; clay gravel 238; gravel 248. Water at 238.
	TRN TRN			•	27 33	J. Fife K. Small	R. Hudson Hadco Well Digging	Oct.15,1962 Sep.21,1962	30 30	2	1 ° 24	6	:	D,S	Clay 4; sand 8; blue clay 20. Water at 4. Topsoil 1; brown sand 4; grey sand 6; blue clay 25. Water at 6.
	TRN TRN TRN	NS			33 33 36	E. Brubeker C. Oldhem R. Welters	C. Warren	Aug. 7,1963 Aug. 7,1963 Apr.14,1961	30 30 5	3 3 3	21 20 100	8 5 23		D D D.S	Topsoil 1; brown sand 9; blue send 23. Water at 9. Topsoil fill 1; brown sand 10; blue clay 20. Water at 6. Clay 174; sandy clay grayel 204; grayel sand 209; Water from
	TRN	NS		•	8	S. Brown	S. Earl	Jan.25,1962	4			-			204 to 209. Clay 247; hardpan 262; large stones 264; grey shale 295; brown
	TRN	SS		*	17	D.M. Vicary	Hadco Well Digging	Oct.25,1963	27 <del>}</del>	2	28	10	Fresh	S	limestone 303. Dry hole. Topsoil 1;brown sandy clay 11;grey sand 20;blue clay 28;
	TRN TRN			*	21 35	S. Brown Talbotsville Sales Yard	S. Earl J.H. Weaver &Son	Dec. 6,1961 Dec. 6,1963	1	8		10	Fresh	С	hard brown clay 30. Water at 11. Clay 110; clay stones 282; grey shale 294. Dry hole. Topsoil 1; coarse sand clay streaks 10; fine gravel 19. Water at 10.
	TRN	SS		•	40	Supertest Petroleum	Hadco Well Digging	Aug. 6,1963	30	6	172	150	•	D	Fill 1; brown clay 14; blue clay 23; brown sand 27; blue clay small stones 170; blue hardban rocks 175; blue clay 179; brown sand gravel 184. Water at 24 and 174.
	URN URN	Rang	e I II		13 R	C.E. Faulkner J. Jackson	:	Mar.21,1963 Oct.22,1963	30 30	2 3	16 29	10 20	:	D S	Topsoil 2; brown sand 16; blue sand 28. Water at 18. Topsoil 1; brown sandy clay 18; blue sandy clay 20; brown sand 30. Water at 20.
97	URN URN	*	II	:	10 14	G.C. Ashmore W. Dees	H, Stewart	Dec.20,1963 Jun. 4,1963	30 7	3	23 120	14 40	:	S N	Topsoil 1; sandy brown clay 14; blue sand 24. Water at 14. Clay 180; sand streak 190; clay 220; sand clay gravel 240. Water at 240.
		ngfie ngfie				L. Milman H. Valentine	E. Hoover & Sons G. Warren	Sep. 6,1960 Sep.12,1960	5	3 10	35 38	30 30	Fresh	ם ם	Topsoil 3; red clay 25; hlue clay 228; gravel 230. Water at 230. Grey clay 25; clay stones 64; dirty send 66; sand 72. Water from 66 to 72.
	Sprin	ngfie ngfie ngfie	14			B. Moore B. Berass H.Q.Enterpris-	C. Norman E. Hoover & Sons	Oct. 1,1960 Jan. 5,1961 Jun. 5,1961	6 3 51	4 5 3	25	15 15 15	:	D D S	Stony clay 12:blue clay 15:sand 20. Water at 15. Topsoil 1:stony clay 15:sand 25. Water at 15. Clay 30:sand gravel 60:blue clay 20:gravel send 95. Water at
		ngfie ngfie				H. Shively H. Arthur	C. Norman E. Hoover & Sons	Nov. 1,1961 Jan.24,1962	3 5	4 4	25 30	14 20	:	D D	95. Sandy clay ?;brown clay 35;coarse sand 351. Water at 35. Toosoil 3;blue clay 12;sand grevel 20;fine sand clay streaks
	Spri	ngfie	ld			L. Ostrosser	L. Hoover	Mar. 9,1962	5	3	38	22		ם	30:fine sand 40. Water at 40. Topscil 2; clay sand 40; sand gravel hardman 90; gravel . Water at 98.
	Spri	ngfie	1 <b>d</b>			A. Jones	•	Aug.10,1962	5	2	80	28		ם	Topsoil 1; red cley 1b; blue cley 30; fine butty send 40; fine sand grevel 108; grevel 111. Water of 108.
	Sprfi	ngfie	14			E. Boughner	•	Peb.26,1963	5	2	45	25	•	D	Topsoil 2; blue clay 25; send gravel 75; blue clay 94; sand 85.
	Sprin	ngf1e	1d			Post Office	E. Hoover & Sons	Mar.21,1963	5						Fill 8; clay 28; fine butty send 58; blue clay 70; grey butty sand boulders 108. Dry hole.
	Sprin	ngfie	lđ			•	•	Apr.10,1963	5	3	68	60	Sulphur	P	Fill 8; clay 28; fine putty sand 58; blue clay 70; grey putty sand 108; vellow nutty sand boulders 135; blue clay 230; fine ge grey putty sand 231; brown limes one 233. Water at 233.
		ngfie ngfie				W. Follick	C. Norman	Apr.19,1963 Apr.22,1963	4	3	35 20	29 18	Fresh	D	Topsoil 4; blue clay 38; medium send 45. Water at 38. Topsoil 4; blue clay 19; medium sand 30. Water at 19.
	Sprin	ngfie ngfie	14			G. Young C. Holman	W.L. McBeth	Jul. 4,1963 Aug.21,1963	51 51	3 5 5	38 30	25 22	:	0 0	Brown clay 15; gravel hardown 110; gravel. Water at 19. Brown clay 12; hard blue clay 70; hardown 111; gravel. Water at 111.
		ngfie ngfie				E.S. Brooks Baptist Church	* Cole Water Wells	Aug.26,1963 Oct.25,1963	5 <del>1</del> 5	5 7	35 40	30 30		D P	Brown clay 3; blue clay 40; stony hardban 114; gravel. Water at 114. Yellow clay loam 5; grey clay 42; dirty gravel clay 104; gravel sand 110. Water from 104 to 110.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - St, Thomas	cor	it.	A. Pol	C. Warren	Jun.25,1963	5	3	100	79	Fresh	מ	Blue clay 120; clay gravel 160; gravel 163. Water at 160 and 163
Vienna			K.C. Emerson	W.E. Locker	Mar.19,1962	1	3		8		מ	Dirty blue clay 13; sand gravel 20. Water from 13 to 20.
Yarmouth Twp. Con I	lot	6	K. BarenDregt	C.H. Kent	Aug 30,1963	5		la la	21	Fresh	N	Yellow clay 14; blue clay 45; fine dirty sand 74; blue clay. Water at 45.
Con I Con I		6 8	S. Ivan	Hadco Well Digging	Sep. 5,1963 Jan.22,1963	5 271	5	44 29	21 20		3 In	Brown losm 2; yellow sand 32; grey send 46. Water from 32 to 46. Topsoil 1; brown sandy clay 5; hard brown clay 16; brown send 30-Water at 20.
Con I Con I		8	:	C.H. Kent	Sep. 9,1963 Sep.14,1963	5	2	44	21		N D,S	Dug well 30;dirty send 60.  Brown loam 2;yellow clay 18;yellow sand 30;sand 50. Water from 30 to 50.
Con I	*	11	Kishimato Bros	Hadco Well Digging	Nov. 3,1962	30	5	33	19		D	Topsoil 1; brown sand 19; blue grey sand 33. Water at 19,
Con I		13	A.G. Jones	J.H. Weaver & Son	May 7,1963	1	8		16		D	Topsoil 1; yellow sand 5; brown hardpan 6; white sand 16; brown
Con I		14	C. Parker	Hadco Well Digging	Mar.26,1963	30	4	34	26		۵	water sand 20; brown clay 20; blue sand 25. Water at 16. Topsoil 2; brown sand 11; blue sand 37. Water at 15.
Con I	•	18	W.H. Hodkinson		Oct.22,1963	271	2	29	15	181	D	Topsoil 1; brown sand 3; brown clay 12; Brown sand 16; blue clay sand streaks 30. Water at 15.
Con II Con II		6	E. Malik D. McKeller	R. Hudson Hadco Well Digging	May 18, 1963 June 14, 1963	27 271	10	20 39	14 34		D,S	Sand 25. Water at 14. Topsoil 1;hard brown clay 7;gravel 16;sand 40. Water at 34.
Con III		6	E. Malik St.Thomas Golf Club	J.H. Weaver &Son	Jun.18,1963 Apr.28,1960		12½ 180	80	16 1	:	D Ir	Open well 20; brown sand 35. Water at 16. Brown sand 20; grey sand 30; blue clay 102; hardpan 130; clay 170; hardpan 200; dirty sand gravel 209; gravel 210; fine sand 219; gravel 223. Water from 219 to 223.
Con III	•	3	G. Rollins	F.W. Reicheld	Aug.4, 1960	4	5	40	11	*	D	Blue clay 40:quicksand 57:blue clay 97:sand stones 105:
Con III		3	R. Kosynski	G. Warren	Peb.21,1961	5	10	110	90		Ir	gravel 115. Water at 105. Yellow send 38;send solt 65;red clay 66;putty sand 91;grey
Con III Con III		4 4	S.J. Ollivier M. Scott	C. Warren	Aug.15,1960 Nov.22,1961		5 2	31 100	67	1	D	clay 93; putty sand 150; grey clay 170; gravel 177. Water at 177. Sandy loam 20; clay 46; sand 52. Water at 46. Sand 6; clay 40; clay sand 80; clay gravel 147; sand gravel 150. Water at 147.
Con III Con III Con III		4 4 8	A. Kosynski W. Fishleigh C. VanZanten	J.H. Weaver & Son	Jun. 3,1963 Jun. 5,1963 May.16,1960	1 1 4	8 8 8	65	33 23 44	:	D D	Open well 25; ite sand 33; brown sand 46. Water at 33.  Open well 25; brown quicks and 40. Water at 23.  Sandy clay 27; quicks and 87; brown clay 100; quicks and 125; clay stones 137; blue sand 144. Water from 137 to 144.
Con III Con III	*	9	F. Kosynski J. Platchorra	J.H.Weaver & Son	May 15,1963 May 30,1963	1	8		16 25	:	B	Topsoil 1; yellow sand 6; white sand 27; Water at 16. Topsdil 1; yellow sand 6; brown putty sand 8; brown clay 16;
Con III Con III		20 20	R. Weir E. Bond	C. Warren	Oct.27,1961 Aug.30,1963	4	5	45 25	30 12	:	D D,S	sand 25; brown sand 36. Water at 6 and 25. Sandy loam 18; blue clay 61; sand 66. Water at 61. Blue clay 39; sand 41; blue clay 50; sand gravel 54. Water from
Con III Con III Con III		21 21 21	E. Conner E.R.Smith W. Morton	:	Mar.10,1961 Oct. 6,1961 Jun.11,1963	4	5	55 16 50	41 9 42	:	D D	50 to 54. Clay 25; sandy clay 28; clay 45; sand 66: Water from 45 to 66. Clay 31; sand 41. Water at 35. Clay loam 32; sand 65. Mater from 60 to 65.

E	LGIN	COUNTY -	con	t.										
	Yarmo	uth Twp.	- 0	ont.	1 1			. 1				1	_	[
	Con		lot	21	J. Marshall	C. Warren	Aug. 7,1963 Sep. 4,1963	4	4	50 50 473	37 38 43	Fresh	D D	Sand 12; blue clay 40; sand 55. Water at 40 and 55. Sand 11; blue clay 48; sand 54. Water from 50 to 54.
	Con			21 21	E. Crosby Sparta United	Hadco Well	Nov.11,1963	30	2	474	143		Ď	Topsoil 1:brown clay 16:blue clay 26:brown sand 40:grey sand
	COII	111		2.1	Church	Digging	101.11,1909	50		7/2			-	50. Water at 42.
	Con		•	21	T. Weber	C. Warren	Nov.25,1963	4	3½ 5 5 4	52	43 27 41		D	Sand 8; clay 36; sand 52. Water from 40 to 52.
	Con			22	M. Degroote		Mar. 18, 1961	4 4	5		27		Ir	Losm clay 30; sandy clay 40; sand 50. Water from 46 to 50.
	Con			22	O. Schneider G. Dufty	Hadco Well	Apr.16,1962 Nov. 1,1962	271	7.	58 31	18		D,S	Sandy loam 8; sand 27; sandy clay 88; sand 103. Water at 90. Topsoil 1; brown sandy clay 19; gravel 23; black clay 26; blue
	Con	14	2.5	1	G. Duity	Digging	MOV. 1,1902	515	**	<b>J1</b>	10	1350	D,5	sand 29; blue clay 32; gravel. Water at 19 and 26.
	Con	IV	10	1	D. Burrell	R. Hudson	May 11,1963	36	1	35 24	13 18	181	D	Topsoil 2:sand 13:blue clay 33:sandy clay 38. Water at 13.
	Con	IV		2	J. Chaplow	Had co Well	Nov. 5,1962	271	3	24	18	*	D	Topsoil 1; sand gravel 22; blue sand 24; blue clay. Water at 18.
		***	-	2	J.E. Mortin	Digging	7 00 1062	30	2		25	*	D	B
	Con	14	100	Z	J.E. MOPTIN		Jan.29,1963	٥٠	2	35	27		D	Topsoil 1; brown clay 4; brown hardpan 9; grey clay 16; grey sand 17; blue clay 23; grey sand 35. Water at 25.
	Con	IV		3	W. Davies	C. Warren	Jun. 6,1960	3	5	27	17		D	Loam clay 31; sand 35. Water at 31.
	Con			3	B. Walsh	F.W. Reicheld	Aug.18,1960	4	5 2	27 22	17 10	•	D	Blue clay 40; quicksand 60; blue clay 98; sand stones 107; gravel
	_		-	_					_				D	123. Water at 107.
	Con	14		3	R. Bogart	E.Hoover & Sons	Jul. 9,1963	5	7	26	8	_	D	Dug well 6; brown clay 16; blue clay 70; grey clay 91; clay
	Con	IV		4	B. Lozon		Feb. 3,1960	5	5	20	4		D	gravel 96; gravel 97. Water at 97. Topsoil 3; blue clay 88; gravel 89. Water at 88.
	Con			4	H. Cummings	•	Aug. 19, 1961	5	10	30	4	7	D	Topsoil 2; blue clay 35; pasty sand 66; blue clay stones 94;
	-		**					-21	_		12.20			gravel 95. Water at 95.
	Con			4	I. Marriott C. Willison	C. Warren	Nov.23,1961 Sep.30,1963	51	3	40 11	35	Fresh	N D	Blue clay 94. Clay 90; fine gravel 93. Water from 90 to 93.
0.0201	Con	IV		9	F. Olde	C. wallen	Oct.11.1961	5	7	35	27	4 16811	D	Gravelly clay 31; gravel 47. Water at 35.
99	Con	IV		10	D.J. Hardwick	w	May .15 .1961	4	7	35 65	27 60	•	D	Clay 27; sand 68; sand gravel 75. Water from 65 to 75.
	Con	IA	*	11	S,S,# 8	J.H. Weaver & Son	Jun. 16, 1961	1	8		19		P	Open well 22; coarse gravel 32; fine brown quicksand 36. Water
	Δ	TU		10	W C-144	Hadco Well	W 1 1062	201	4	24	18		D	at 19. Topsoil 1; brown clay 17; gravel 17; brown sand 25. Water at 18.
	Con	14		12	N. Smith	Digging	Nov.1, 1962	275	4	24	10		D	Topsoil liprown clay 17; gravel 17; prown sand 25. water at 10.
	Con	IV	**	12			Nov.2, 1962	30	5	23 62	18		S	Topsoil 1; brown clay 11; brown sand 23. Water at 18.
	Con			15	R. Zavits	C. Warren	Aug. 19, 1963	4	5 2 4	62	44	:	D	Clay gravel 58; sand 62. Water from 60 to 62.
	Con			20	A. Sim	7 64	Aug. 3,1963	63	4	35	15		D	Sand 10; blue clay 38; sand 44. Water from 40 to 44.
	Con	V		1	C. Shaw	E. Stewart	Sep.10,1962	0.5					N	Clay gravel 130; blue clay 170; sand gravel 189; blue clay 273; quicksand 310; dark soft rock 313; oil odored rock 340. Water
														at 110, 170, 273 and 340.
	Con	V		1	G.C. Shaw	Hadco Well	Oct.31,1962	30	4	106	94	*	D,S	Topsoil 1:brown clay 17:blue clay 79:gravel 83:blue clay 85;
						Digging		-						blue sand 90; blue clay 93; gravel 94; blue clay rocks 105;
	Con	T		3	C. Simmonds	E. Hoover & Son	Dec. 1,1961	5	3	40	20		D	gravel 106. Water at 79, 85, 93 and 105. Topsoil 2; red clay 12; blue clay 45; fine pasty sand 55; silty
	con	*		,	C. DIEMONGS	E. Hoover a son	Dec. 1,1901	)	ر	40	20			clay 71; sand 74. Water at 74.
	Con	V	W	4	F. Worthington	Hadco Well	Jan.22,1963	30	4	31	21		D	Topsoil 1; brown clay 20; sand gravel 32. Water at 21.
			-	100		Digging								
	Con	V		6	M.P. Hepburn	F.W. Reicheld	Jun.30,1960	4	9	15	15		D	Blue clay 26; stony blue clay 60; gravel 67. Water from 60 to 67.
	Con	V		10	Estate W. Deyell	Hadco Well	Jan.19,1963	30	2	45	39		D	Topsoil 1; brown hard clay 21; gravel 45. Water at 39.
	0011	•		10	n. Dejeti	Digging	van.17,170)	,,	-	7.7	77		_	TOPROLI I, DIONI HATE CLAY ELIGIAVEL 45. Madel av 55.
	Con		**	19	C. Delodder	C. Warren	Feb.28,1963	4	3	68	54		D,S	Grey clay gravel 65; sand 72. Water at 67.
	Con	V		25	G. Borremans	W.E. Locker	Mar. 26,1960	5	6	87	82	•	ס	Sand 4; clay 25; gravel 46; hardpan clay 53; gravel coarse sand
														97; fine putty sand 151; hardpan 153; putty sand 160; coarse sand fine gravel 168; hardpan. Water from 160 to 168.
	Con	VI		3	R. Topping	C. Warren	Mar.17,1962	4	5	24	19	•	ם	Loam clay 18; sand 46. Water from 40 to 46.
	Con			3	J.E. Satchell		Bov.26,1962	4	5 4	35	17		D	Losm 3; sand 23; clay 28; sand 40. Water from 35 to 40.
										100 (82)				

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	ON 1	OWINI	ER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LGIN COUNTY - Yarmouth Twp. Con VI Con VI Con VI Con VI Con VI	- cont	R. Rape G. Bodk B. Frit H. Ande	in taion rson	F.W. Reicheld C. Warren	Jun.20,1960 Feb.16,1961 May 20,1961 Nov.29,1962 Fec.23,1963	3	328424	40 59 24 35 159 62 66	12 32 16 24	Fresh	D D D D	Clay 22;quicksand 39;clay 43;sand 55. Water at 43. Clay 25;sand clay 45;sand 59. Water at 53. Clay 22;sand 42. Water from 22 to 42. Clay 9;sand 21;clay 37;sand 43. Water from 37 to 43. Blue clay 154;grayel 159. Water from 154 to 159.
Con VI Con VI Con VI	* 2 * 2	C. Smal	ldon ite	H. Stewart	Jul.15,1963 Jul.20,1963 Sep.29,1960	4	1 1 3 5	62 66 70	56 58 50		D,S D,S D	Clay 28; clay gravel 5° gravel 65. Water from 63 to 65. Clay 29; sandy clay 60; sand 66. Water from 64 to 66. Clay 80; clay sand 90; sand gravel 100; gravel sand 142. Water at 142.
Con VII Con VII	* 5	W.T. Ca H.E. Ni		J.H. Weaver&Son C. Warren	Feb.24,1960 Mar.28,1962		13 4	66	51	* .	D D,S	Topsoil 1; brown clay 4; coarse gravel 9. Water at 4. Pallow clay 12; blue clay 45; clay gravel 60; blue clay 112; sand clay 118; clay 135; fine gravel 148. Water at 135.
Con VII Con VII	* 2			H. Warren C. Warren	Jul.31,1963 Oct.17,1963	5	3	87 150	64 80	:	D,S D,S	Clay 53; muddy sand 80; sand 97. Water from 90 to 97. Blue clay 128; muddy sand 142; blue clay 245; gravel 249. Water from 245 to 249.
Con X	* 1	O.H. Un	derhill	L. Hoover	Mar.29,1962	51						Topsoil 2; red clay 45; putty sand 85; blue clay 268; limestone. Dry hole:
Con X Con X	* 1		oe	R. Hudson W.L. McBeth	Oct.20,1962 June 3,1963		2 5	25 120	15 85	Fresh	D D,S	Frown clay 14; blue clay 22; sand 26; hlue clay 27. Water at 22 Blue clay 60; fine sand 180; blue clay 200; pasty sand 285; hard clay 291; fine grevel 292; rock. Water at 291.
Con X Con X	: 1			R. Smith W. Dale	Aug.22,1961 Jul. 4,1963		12 15	70 107	55 53	*	C D,S	Brown clay 30; blue clay 172; sand 175. Water from 172 to 175 Brown clay 17; grey clay 43; blue clay 82; sand gravel 101; yellow clay 157; cemented gravel 168; clay gravel 196; gravel 197. Water at 197.
Con XI	• 1	W.D. Sh	ore		Jan. 3,1960							Subsoil 3; red clay 15; blue clay 30; sendy clay 50; blue clay 133; sand 141. Dry hole.
Con XI	* 1	I.D. Fi	sher	C. Warren	Jul. 3,1961	5	4	100	63	Fresh	D, C	Clay 22; sand 29; clay 160; gravel 163; clay 199; sand fine grav 205. Water at 200.
Con XI	• 3	L. Tayl	or	W.L. McBeth	Jul.21,1960	51	4	69	57	•	D,S	Top clay 6; stony grey clay 70; sand gravel 72. Water from 70 to 72.
Con XI	* 1	4 A. Craw	burg	W. Dale	Jun. 6,1961	5	8	118	103	•	D,S	Brown clay 9; blue clay 47; clay gravel 113; blue clay 136; sandy clay 147; sandy clay gravel 183; sandy clay 194; sand 20 Water from 197 to 201.
Con XI	* 1	6 G. Loug	hlean	•	May 28,1962	5	7	140	100		D	Brown clay 24; grey clay 96; clay gravel 135; blue clay 198; gravel clay 206; cemented gravel 216; gravel 219. Water from 216 to 219.
Con XII Con XII Con XII Con XII Con XII Con XII	* 1 * 1 * 5 * 7 * 8	M. Wats D. McKe	h on llar	R. Hudson J.H. Weaver&Son W. Dale	Jun. 9,1962 Mar.16,1963 Dec.14,1963 Jun.21,1962 Mar. 9,1962	36 1 5	109	20 29 54 28	19 15 28 49 27		D D,S D,S D,S	Brown clay 5; blue clay 20; quicksand 23. Water at 19. Brown clay 10; blue clay 24; sand 30. Water at 24. Open well 26; coarse sand 38. Water at 28. Topsoil 9; sand 42; muddy sand 63; sand 79. Water from 63 to 7 Dug well 30; clay gravel 41; silty sand 44; fine sand 60. Wate
Con XII	* A				Mar.15,1963	5	9	40	25		P	from 44 to 60.  Brown clay 15;grey clay 30; muddy sand 34; blue clay 36; sand
Con XIII	" 1	O H. Dyks	tre	•	Mar.29,1962	5	9	30	26		D,S	55. Water at 55. Old well 41; clay sand 70; sand 94. Water at 90.
Con XIII	* 1				Jan.10,1963 Dec.16,1960	5	7	83	28 85		D,S	Brown clay 32; clay gravel 43; grey clay 94; soft clay 138; mud sand 162; gravel clay sand 177; gravel 180. Water at 100.
On XIV	* 1			<b>36</b>	Sep.9, 1963	4	6	73	23		D,S	Brown clay 27; blue clay 91; sandy clay 129; clay gravel 161; sand 167. Water from 161 to 167. Brown clay 15; grey clay gravel 63; soft clay gravel 84; soft
Con XV	* 1		_	International Water Supply Ltd	Mar.29,1960		5		131	*	T 1-60	clay 130; fine silty sand 134. Water from 130 to 134. Topsoil 1; brown clay 8; orey clay 28; silt 35; grey clay 108; fine sand gravel 128; grey clay gravel 170. Water at 128.

		COUNT													
	Con	uth 1 XV			17	Borden's Milk	International Water Supply Ltd.	Apr.1, 1960	5					7 2-60	Topsoil 1; brown clay 8; grey clay gravel 111; dirty silt sand clay gravel 130.
	Con	ΧV			17	. ~.	apply and	Apr.6, 1960	5					T	Topsoil 1; brown clay 6; grey clay 9; silty sand 9; grey clay gravel 137.
	Con	ΧV			17			Apr.11,1960	5					T	Topsoil 1:brown clay 7:fine sand gravel 8:grey clay gravel
							,							4-60	streaks 10; grey clay gravel 66; grey clay gravel sand gravel streaks 128; hard grey clay gravel boulders 138; grey clay
	2on	VV			10	Herman Bros	L. Hoover	Jan.28,1963	5	7	40	40	Fresh	8	gravel 180. Old bored well 80; blue clay 150; butty send 225; brown limestone
			_									~	10.00.00.00		228. Water at 228.
	CRN	Range	·I		1	G.VanOpstal	H. Stewart	Apr.13,1961	7	5	51	41		D,S	Cley 135; clay gravel 145; gravel 150; fine sand 180; clay 198; fine sand 203; rock 227. Water at 222.
1	ERN		I	•	20	E. Goudy		Nov.15,1961	6	4	45	44	•	D,S	Clay 60; sand clay 80; gravel clay 98; sand gravel 100; sandy clay 112; sand 116. Water at 116.
-	ERN		II	H	23	L. Mebarg	E. Hoover & Sons	Aug.27,1962	5	3	75	30	14	D,S	Red clay 30; blue clay 90; send 100; clay 190; gravel sand 209.
7	ERS		I		13	R. VanPatter	W. Dale	Nov.27,1963	5	5	84	56	*	D,S	Water from 190 to 209. Fill 6; brown clay 17; grey clay 24; grey clay gravel 27; grey
															clay 102; soft grey clay 119; grey clay gravel 138; sand 141; clay 142; Water from 138 to 141.
	SRS		I	**	15	C. Hiepleh	C. Warren	May 9, 1961	5	10	60	36	*	ַם	Clay 74; gravelly clay 110; sand gravel 135. Water at 110.
	CRS		I		19	A. Helkaa T. Tarry	H. Stewart E. Hoover & Sons	Oct.11,1962 Apr.18,1960	7	3 5	70 Flows	6 Flows		D,S	Clay 110; gravel 124; Water at 72 and 124. Topsoil 5; blue clay 80; fine sand 90; coarse sand 95. Water
						7 1 10 1001 V 100				8			*	-	at 95.
	CRN				60	# 2 Fire Hall Yarmouth	C. Warren	Nov.24,1960	5	•	75	49		P	Clay 58; clay gravel 120; sand gravel 134. Water at 120.
101	rn			•	61	Bishop &		May 23,1963	_	_	56	51		D	C1 78 89 Water Co 87 to 88
	rrn			×	62	Pigerskill J. Ritchie		Jun. 9,1962	5	5	95	50	"	ם	Grey clay 78; gravel 88, Water from 85 to 88. Blue clay 50; clay gravel 102; gravel 105. Water from 102 to
,	rrn				62	K. Mann		Nov.29,1963	5	6	75	58		D.S	105. Clay 72; gravel 84. Water from 75 to 84.
	ran			•	72	S. Gurcsik	E. Hoover & Sons	Oct. 4,1962	5 53		,,,	58 60	Sulphur	N	Red clay 20; blue clay 120; sand clay 200; blue clay 233; sand
1	rn				73	W. Barber	H. Stewart	Jun.22,1960	6	5	60	55	Fresh	D	gravel 235. Water from 233 to 235. Clay 40; sand clay 102; gravel clay 120; gravel 125. Water at
,	rrn				73	V. Buck		Aug.20,1960	5	3	25	85		D	125. Clay 80:gr-vel clay 100;quicksand 115; coarse sand 125. Water
- 1	rn				23	P. Verheyden	C. Warren	Nov.10,1960	5	10	75	hс		D	at 125%. Clay 132; sand 137; clay 153; gravel 158. Water at 153.
	rrs				73 46	C. McCaig	o. allen	Mar. 3,1960	5	4	120	45 108	*	D	Gravel sand 17; clay 152; clay sand 163; clay 203; sand 219.
1	rrs			*	64	M. McKenzie		May 16,1963	5	5	59	57		ם	Water at 205. Grey clay 42;grey clay gravel 57;gravel 72. Water from 68 to 72.
	rrs				66	J. VandenBosch	W. Dale	Aug.28,1962	4	83	60	57		D,S	Brown clay 37; clay gravel 28; gravel 99. Water from 88 to 99.
	rrs rrs				67	S. Smorowski G. Colemen	C. Warren	Jul. 2,1962 Nov.12,1962	5	5	85 25	68		D,S	Grey clay 45; sand 100; gravel 105. Water at 100. Sandy losm 6; gravel 48. Water to 48.
	rrs				67	D. Powers	C. Norman	May 23,1963	3	3	81	79	•	D	Red clay 24; blue clay 35; fine sand 79; medium sand 100. Water
	rrs				67	R. Smith	C. Warren	Sep. 9,1963	5	4	100	80	•	D	at 79. Blue clay 48;grevel 105. Water from 100 to 105.
	CRS			*	69	J. Hulst	# W W	Jul.12,1961	5	4	80	43 65		D,S	Grev clay 86;grevel 90. Water from 86 to 90.
	rrs rrs				70	K. Harvey K. Smale	E. Hoover & Sons C. Warren	Aug. 5,1960 Dec. 7,1963	5	3	90 65	55	1	D,S	Topsoil 2; red day 20; blue clay 110; fine sand 115. Water at 115. Clay 84; gravel 90; sandy clay 112; sand 124. Water from 112 to
	rrs				74	D. Berdan	W.E. Locker	Oct.25,1963	5	3	39	35		D	124. Yellow clay 19;sticky blue clay 32;brown limestone boulder
															36; blue clay 60; blue grevel 61. Water from 60 to 61.
												1			

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	g 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY Amherstburg To	wa	Calvert's Distillers	International Water Supply	Jun.30,1960	10	53	79 <del>2</del>	33	Sulphur	In	Topsoil 1; grey clay stones 48; light grey limestone 62; broken rock 63; hard light grey limestone 65; light grey limestone 132; light brown limestone 225; sharp sandstone 275; grey limestone 283. Water from 65 to 132.
Andørdon Twp. Con I	lot13	J. Dinunzio	Lucier Well Drilling	May 18,1963	3	8	45	35	Presh	D	Topsoil 2; red clay 18; blue clay 39; clay sand 55; soft grey rock 72. Water at 72.
Con 1	* 16	A. Beaudoin	4	Jan.15,1960	3	7	25	18		D	Topsoil 3; red clay 20; blue clay 40; clay sand 53; sand gravel 59
Con II		L. Deneau V. Tagliavia	S.A. Hutchins Lucier Well Drilling	Jun. 8,1962 Aug. 6,1961	3	4 5	50 35	30 28	Sulphur Fresh	D,S	Water at 59. Old well 55; limestone 65. Water at 65. Topsoil 2; red clay 20; blue clay 55; soft grey rock 57. Water at
Con II Con II Con II Con II	" 10 " 11	M. Gajewski A. Cote S.H. Knapo L. Bastien	S.A. Hutchins  "Lucier Well	Jul.19,1963 Nov. 6,1962 Oct.23,1962 Jun.21,1962	3 3 3 3	4 3 4 4	30 25 25 45	26 15 10 15	Sulphur Fresh	D,S D,S D,S	Tellow clay 18; blue clay 45; hardpan 46. Water at 46. Clay 18; blue clay 52; limestone 60. Water at 58. Clay 20; blue clay 52; gravel 55; limestone 63. Water at 63. Fopsoil 2; red clay 12; blue clay 58; gravel 59. Water at 59.
Con III	** 4	A. Borrowman	Drilling D. Sundin	Jun.14,1963	4	5	20	18	×	D	Clay topsoil 1; yellow clay 10; hard blue clay 20; soft blue clay
Con III	w 10	C. Adam	Lucier Well	Sep.15,1961	4	5	27	16		D,S	55; sand gravel 57; grey limestone. Water at 57. Overburden 61; rock 67. Water at 67.
Con III	* 10	M. Shust	Drilling M.Hernandez &Son	Nov.1, 1961	8	250	73	18	Sulphur	In	Clay 63; rock 65; clay 73; brown limestone 88. Water from 63 to
Con III	w 12	L. Beaudoin	Lucier Well	Jul.28,1963	3	5	20	12	Fresh	D	65 and from 73 to 88. Topsoil 2; red clay 20; blue clay 40; clay gravel 62; gravel 63.
Con IV	* 1	Mailloux Turkey	Drilling	Apr. 5,1961	4	5	60	18	•	D,S	Water at 63. Topsoil 2; red clay 20; blue clay 40; clay sand 58; hardpan 67;
Con IV		Farm J. Cake A. Bazaire	S.A. Hutchins Lucier Well Drilling	May 30,1962 Mar.21,1963	3 4	4 5	50 25	30 20	# Sulphur	D,S	soft grey rock 129. Water at 70 and 129. Old well blue clay 60; sandstone 70. Water at 70. Topsoil 2; red clay 20; clay sand 66; gravel rock 67. Water at 67
Con IV	* 11	I. Jones	Printing	Apr. 2.1962	4	3	30	8	Fresh	D	Topsoil 2; red clay 25; blue clay 58; sand gravel 68; soft grey
Con IV	* 11	I. Bezaire	•	Apr.18,1962	4	8	18	10	*	D	rock 78. Water at 78. Fopsoil 2; red clay 20; blue clay 65; gravel clay 70; gravel rock
Con IV	• 12	C. Deslippe	•	May 20,1960	4	15	40	10	Sulphur	D,S	72. Water at 72.  Fopsoil 2; red clay 15; blue clay 65; clay sand 67; soft grey rook
Con V Con V Con V	* 6		D. Sundin M. Hernandez Lucier Well	Jul.15,1960 May 10,1960 May 18,1962	3 3 4	15 4 3	25 24 40	18 16 8	Fresh	D,S D,S D	106. Water at 100. Blue clay 60; sand gravel 61. Water at 61. Black loam 3;dark clay 65; white limestone 74. Water at 74. Topsoil 2;red clay 20; blue clay 60; gravel sand 65. Water at 65
Con V	* 10	H. Ihle	Drilling D. Sundin	May 16,1961	4						Wellow clay 10; blue clay 60; clay sand 64; grey limestone 115.
Con V Con V	* 10 * 10	H. Little	Lucier Well	May 18,1961 Jul. 8,1961	4 4	4 5	40 25	8 12	Fresh	D D	Dry hole. Kellow clay 10; blue clay 59; gravel sand 62. Water at 62. Ropsoll 2; red clay 20; blue clay 60; clay sand 64; soft grey rock
Con VI	* 1	S.S. No 11	Drilling	Jul.18,1961	4	3	32	20	*	P	71. Water at 71. Popsoil 2; red clay 20; blue clay 56; clay sand 63; soft grey rock
Con VI	* 2	J. Ward	S.A. Hutchins	Jul.11,1963	3	2	80	25	Sulphur	N	54. Water at 64. Clay 20; blue clay 51; sand 65; limestone 110. Water at 110.

	Ander	don Twp.	- 0	ont.	ile	la a sa sa	L	. 1		- a- 1				
	Con	VI	10	7	M. Stahlbrand	Lucier Well Drilling	Oct.1, 1963	4	2	60	20	Fresh	D	Topsoil 2; red clay 20; blue clay 50; hordoan 58; hord grey rock 66. Water at 62.
	Con	VI		12	E. Kulke		May 6; 1963	3	10	20	5	Sulphur	D	Topsoil 2; red clay 20; blue clay 56; soft grey rock 58. Water at 57.
	Con	VI		14	A. Lucier		Oct.8, 1961	3	10	12	8	Presh	D	Topsoil 2; red clay 22; hlue clay 39; clay gravel 35; blue clay 60; sand clay 69; soft grev rock 71. Water at 71.
	Con					S.A. Hutchins	Sep.21,1961	3	3	50	22	•	D,S	Clay 18; blue clay 71; sand 76; growel 77. Water at 77.
	Con	VII		7	Ridge Valley Golf Club	Lucier Well Drilling	Jul.14,1960	4	3	100	15		D	Topsoil ?; red clay 14; bue clay 60; soft limestone 105. Water at 104.
	Con	AII	•	8	V. Dufour	a in	May 12,1960	3	3	25	10	Sulphur	D,S	Topsoil 2; red clay 1º; blue clay 60; clay sand 69; soft grey rock 83. Water at 82.
	Con	VII	•	10	L. Dufour	•	Mer.5, 1963	3	4	20	10	Fresh	D,S	Topsoil 2; red clay 20; blue clay 40; clay sand 75; sand gravel 81; soft grey rock 86. Water at 86.
	Con	VII		13	T. Crawford	•	Aug.23,1963	3	6	25	15		D,S	Topsoil 2; red clay 20; blue clay 60; clay sand 88; shale 90.
	Con	VIII		9	L.& C.Drouill-	M. Hernandez	Aug.10,1962	3	3	35	17	Sulphur	s	Water at 90. Clay loam 1; clay 82; cand 83; hardban 86; dark limestone 93.
	<b>C</b>	VIII		10	A. Renaud		May 21,1963	5	6	20	14		D	Water from 861 to 93. Black clay loam 1; grey clay 63; hardban 80; mushy gravel clay
	-on	ATTI		10	A. Aenaud		nay 21,190)	,	°	20	14		D	86; limestone gravel 87. Water et 87.
	Colch	ester No	rth '	wp.						Ì				
	Con	VIII	10	10	C.Desmarias	D. Sundin	Mar.15,1963	4	10	25	8	Sulphur	D	Yellow clay 10; blue clay 48; sand clay 82; shale sand 87; grey limestone 93. Water at 93.
14	Con	XI	*	1	K. Billingsley		Jun.19,1961	4	5	60	18	Fresh	D	Topsoil 2; red clay 26; blue clay 63; sand clay 80; soft grey
03	Con	XIII	*	9	S.S. # 5	Drilling M. Hernandez &Sons	Peb.20.1960	4	31	58	36		P	rock 100. Water at 100. Black loam 1; clay 80: layers sand hardpan 87; clay 111; sand
	Con					Johnston Bros.	Apr. 5,1960	3	8	35	30		D.S	112; clay 116; sand 118; sandstone 120. Water from 118 to 120. Yellow clay 12; soft blue clay 99; gravel fine sand 1142; shale
		VIA									50			115%; rock 117. Weter at 115%.
	MRN		-	3	J.O'Niel	Lucier Well Drilling	Jul.31,1961	4	8	38	20	Sulphur	D,S	Tobsoil 2; red clay 10; blue clay 20; soft grey rock 98. Water at 98.
	MRN		*	7	N. Grondin	4	May 2, 1962	3	3	45	16	Presh	s	Topsoil 2; red clay 20; blue clay 25; sand 80; soft grey rock 85.
	MRN			7	D. Lucier		Sep. 3,1963	4	6	60	15		D	Topsoil 2; red clay 20; blue clay 60; clay sand 75; hardpan 90;
	MRN			14	M. Shepley		Aug.10,1961	23	5	18	0		D	gravel sand 82;gravel 85. Water at 85. Brown clay 15;blue clay 40;sand 62;shale 64;sand 84;shale 86;
	MRN			1 %	A. Shepley	J.H. Smith	Oct.15,1963	3	3	50	27		D.S	sand 90; hardpan 91. Water at 91. Brown clay 10; hlue clay 60; sand 73; hard grey rock 79. Water
						J.H. Smith							•	at 77.
	MRS			20	W. Hamilton		Oct.1, 1962	3	6	24	23	•	D	Brown clay 11; blue clay 53; sand 67; grey limestone 71. Water at 71.
	MRS			20	W. Sweet	•	Jun.18,1963	4	5	31	27	Sulphur	D,S	Brown clay 15; blue clay 67; stony blue clay 72; grey sandstone rock 81. Water from 75 to 80.
	MRS			23	P.J. Arthurton		Nov.18,1961	3	2 2	P0	25	Fresh	D	Brown clay 15; blue clay 75; b'ue clay sand 88; herdpen 90; shele 91. Water at 91.
	MRS			25	United Church	D. Sundin	Mar.31,1960	6	8	63	20	Sulphur	P	Yellow clay 15; blue clay 86; sand clay 90; blue clay 108; grey
	TRS			282	Camp P. Mattys	J.H. Smith	Nov.15,1962	3	5	32	30	Fresh	D	limestone 122. Water at 115. Brown clay 15; blue clay 90; sand 118; white limestone 120.
ý														Water at 120.

ESSEX COUNTY - cont.

ESSEX COUNTY - COLLS.
Anderion Twp. - cont.
Con VI lot 7

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING		LEVET.	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SSEX COUNTY -	cont											
Colchester Sou Con.II			S. Morency	M.Hernandez & Sons	Oct.18,1960	3	4	38	28	Fresh	D	Clay loam 3; grey clay 88; quicksend 93; white limestone 117.
Con II	**	2	A. Arner	D. Sundin	Jan.21,1961	4	5	60	42		D	Water at 117. Clay 7; sand 12; clay 98; clay sand stones 105; grey limestone
Con II	*	4	W. Taylor	*	Nov. 2,1962	3	5	45	40		D	112. Water at 112. Black topsoil l;yellow clay 7;blue clay 4º;grey sand 9º;blu clay 116;sand clay 118;grey limestone 123. Water at 123.
Con II		4	V. Bondy		Jun.25,1963	4	5	45	42	•	Œ	Black topsoil 1; yellow clay 10; blue clay 35; hardban 65; blue clay 116; grey limestone 121. Water at 121.
Con II Con II				M.Hernandez &Sons D. Sundin	Jun.17,1960 Nov.15,1963	3	6	21 25	12 5	#	P D	Black loam 2; clay 40; hardoan 96; gravel 102. Water at 102. Black topsoil 2; yellow sand 7; blue clay 25; fine grey sand
Con II	M	12	Twp. Colchester		Aug.29,1961	3	10	25	14		P	80; gravelly sand 105; grey limestone 176. Water at 116. Blue clay 65; fine grey sand 104; rock sand 113; grey limeston
Con II		12	J.D. Simoes	M.Hernandez	Aug.10,1963	4	10	30	15		D	122. Water at 122. Yellow clay loam 2; grey clay 4; grayel 10; outcksand 52; coars black grayel 65; pasty quicksand 111; coarse black grayel 116
Con II	•	13	C. Craig	D. Sundin	Aug.21,1963	4	5	19	10		ם	Water from 111 to 116.  Sandy soll 2; yellow sand 7; grey sand 20; blue clay 55; fine grey sand 110; hardpan 115; grey shale 120; grey limestone 126
Con II		14	W. Searle	M.Hernandez &Sons	Jul.20,1960	3	6	16	Flows	•	ם	Water at 126. Black soil 2; black clay 60; quicks and 36; gravel 93. Water at 93.
Con II	*	14	F. Sabitz	D. Sundin	Aug.10,1961	h	20	20	4		D	Sandy soil 3; blue clay 15; blue clay stones 32; soft clay sar 45; fine sand 65; clay 85; sand 88; grovel 92. Water at 92.
Con II	*	17	R.J. Lavender	M. Abbott	Oct.1, 1960	2	3	22	15	-	D	Yellow clay 30; quicksand 50; hlue clay 80; quicksand 84; grey rock 88. Water at 88.
Con II			K. Gartner	M. Hernandez &Sons		4	21/2	79	21	Sulphur		Old well 22; clay 36; fine sand 37; hardwan 79; fine sand 83. Water at 83.
Con II Con II		18 19	V. Cervin	Johnston Bros.	Dec. 7,1962 Jun.15,1962	4	5	60 40	16 10	Fresh Sulphur	D,S D	Loam 1; boulders 29; sand 30; clay 59; sand 69½. Water at 69½. Yellow clay 12; blue clay 30; sand gravel 33; saft blue clay 63; sand gravel 81; shale limestone 84. Water from 93 to 84.
Con III		8	J. Mulder	E.M. Hernandez	Mar.18,1963	5	5	15	2	Fresh	D,S	Topsoil 1; clay %5; sand 90; medium coarse sand 92; brown limestone 120. Water from 90 to 92 and at 118.
Con III		9	P. Sheprak	D. Sundin	Mar.13,1962	4	5	30	15		D	Old well 4; yellow sand 8; fine grey sand 104; clay 116; grey limestone 137. Water at 137.
Con III		-1651	T. Ford	M. Hernandez	Jul.13,1963		6	22	14	•	D	Clay loam 2; hard grey clay 25; quicksand 70; hardpan 77; black gravel 79. Water at 79.
Con III	*	16 18	B. McGill H. Peacey	D. Sundin	Jul.22,1960 Nov.20,1963	4	15 5	15 30	11 19	Sulphur Fresh	D,S D	Clay 48; sand 70; clay sand 85; shale 86. Water at 86. Yellow clay 8; blue clay 20; fine grey sand 60; blue clay 72; blue clay fine grey sand stones 78; gravel sand 81. Water at 81.
Con III	٠	18	E. Burnett	•	Dec.12,1963	4	- 4	25	16		D	Grey clay 8; blue clay 12; clay fine send 22; fine grey sand 52; blue clay 70; shale sand grayel 72. Water at 72.
Con III		Gore	C. McLean	*	Mar. 7,1963	4	5	15	Flows	*	D	Old well 20; fine sand 65; fine sand grovel 91; gravel 92. Water at 20 and 92.
Con IV				G. Sundin	Jul.21,1961	3	2	80	н.		D,S	Clay 70; fine sand 78; shale R3; fine sand 89; grew limestone 128. Water at 118 and 128.
Con IV Con V Con VI	**	16		D. Sundin Lucier Well Drilling	Dec.18,1962 Oct. 1,1962 Mar.20,1962	7,	10 6	88 25 25	8 10 20	Sulphur Fresh		Clay 25; sand 26; clay 38; sand 78; rock 89. Water at 89. Yellow clay 10; blue clay 60; gravel. Water at 60. Too-oil 2; red clay 25; b'ue clay 60; sand 68; clay sand 80; sar gravel 85. Water at 85.

Co.	EX COUNTY lchester S			• 1	I					ſ			
	nt. FC	10	37	M. Hotz	M.Hernendez &Sons	Apr.26,1960	4	6	26	10	Fresh	D,S	Black loam 2;grey clay 55;quicksand 73;gravel 79. Water from 73 to 79.
	PC PC	:	39 39	S. Renfrew A. Summerfield	E, Hernandez	Aug.22,1961 Aug. 2,1963	? ?	5 10	5 10	3	Sulphur	D D	Topsoil 1; clay 43; sand 50; brown limestone 52. Water at 52. Topsoil 1; sand 6; sandy clay 24; ouicksand 52; shale 53; dark brown limestone 63. Water from 68 to 61.
1	FC	-	42	K. Gardner	D. Sundin	Mar.25,1961	6	10	50	6		ם	Clay 30; fine sand 65; clay sand 89; grey limestone 160. Water from 105 to 160.
)	FC	•	42	J. Hric		May 28,1963	4	15	20	7	Fresh	D	Old we'l 10; blue clay 35; grey sand 45; clay sand 95; grey limestone 94. Water at 94.
	FC FC	*	43 43	J. Pacey H. Schollard & H. Aston	L, Sundin D. Sundin	May 5, 1960 Jul.12,1960	2 4	7 <sup>3</sup> 5	20 20	? 8	Sulphur	D D	Clay 28; stone 30; clay 62; grey rock 65. Water at 65. Blue clay 55; clay sand 59; grey limestone 61. Water at 61.
)	PC	•	43		E.Hernandez	Jun.17,1961	7	4	70	7		ם	Topsoil 1; sand 4; blue clay 68; limestone 22; brown limestone 93. Water at 70 and 91.
	FC		43	P.&J. Balvert	D. Sundin	Apr.29,1963	3	15	20	8		ם	Black soil 2; yellow clay 5; blue clay 55; sand clay 65; grey limestone 68. Water at 68.
	FC		44	D. Woodbridge	•	Oct.23,1962	3	50	25	9	•	D	Sandy soil 4:blue clay 26:hardpan 42:blue clay 65:gre
	FC		45	D. Casanova		Jul.29,1960	3	10	30	22	•	D	limestone 68. Water at 68. Clay 18; fine sand 38; clay 68; fine sand 29; shale 29. Water at
	FC	*	46	M. Affleck	*	Jul. 6,1962	4	15	25	17	*	D	79. Sandy soil 2; yellow send 6; blue clay 84; grey limestone 87.
	FC		48	W. Walkerdene	*	Jun.16,1960	3	4	8	Flows	Fresh	D	Water at °7. Sandy soil 2; yellow sand 6; fine grey sand 20; blue clay 56;
105	PC		48	J.Peter Jr.	W. Hernandez	Feb.13,1963	4	10	6	3		Ir	
	FC		49	Lakeside	D.Sundin	Jun.27,1963	4	10	20	6		In	
	PC	•	49	Packing Co. J. Peter Jr.	W. Hernandez	Dec. 7,1963	4	20	19	21/2		פ	fine grey sand 80;hardpan 82;gravel shale 93. Water at 83. Sand 5;clay 38;clay 47;fine sand 48;gravel 50;clay 60;fine sand 65;hardpan 72;fine sand 78;sard 872; Water at 50, 65,
	FC		50		D. Sundin	May 9, 1960	6	10	20	Flows		In	
	PC		50	Packing Co.	<b>.</b>	Apr.21,1961	6	15	20		Sulphur	In	brown limestone 91. Water at 15 and 91. Old well 91; grev limestone 151. Water from 100 to 151.
	FC		51	H. Wright	•	Jun.4, 1963	10	10	100	43	Fresh	N	Sandy soil 2; yellow sand 6; grev sand 25; outcksand 35; hlue clay 55; outcksand 70; clay sand 115; clay sand stones 129; hard
	PC	-	51	E. Corcoran	M. Hernandez	Jun.5, 1963	5	8	60	35	•	ם	rock 134;grey limestone 175. Water from 130 to 134. Light sand 2;light hard soil grevel 5;grey sand 23;grey clay 40;quicksand 121;charse grey hlack grevel 127. Water from 121 to 127.
	PC	•	54	K. Butler	D. Sundin	Apr.11,1961	3	30	25	17		D	Sand 11; clay 25; fine grey sand 65; clay sand 116; grey
	PC		56	M. Tingen	M. Hernandez	Jun. 1,1962	7	10	26	22		D,S	
	FC		58	M. Shields	M.Hernandez &Sons	Jul. 7,1961	3	3	35	30	-	D	128; white limestone 130. Water at 128. Topsoil 1; sand 40; clay 70; hardban 74; sand 76; clay 119; hardban
	FC		59	J. Pabok	D. Sundin	Jul.27,1962	3						124; sand 126; limestone 1354. Water at 126 and 1352. Clay 20; clay fine cand 40; fine grey sand 115; hardoan 120;
	FC	•	65	V. Smith	•	Jun.16,1961	3	1/2	135	27	Presh	D	fine grey sand 129; grey limestone 195. Dry hole. Sandy soil 4; blue clay 40; sand 45; clay sand %6; hardnen 94; grey limestone 109; dolomite 121; grey limestone 135. Water from 121 to 135.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Colch FC	COUNTY - consider South	h '	Iwp.	.cont. G. Loscher	H. Hernandez	Nay 14,1963	5	6	80	27	Presh	D,In	Yellow sand 3;grey sand 12;quicksand 35;grey clay 45; quicksand 101;shelly rock cemented gravel 124. Water from
PC		×	67	P. Klie	D. Sundin	Aug.21,1961	7	12	50	27		D	105 to 124. Old well 13; fine grey sand 65; clay sand hardpan 68; blue clay
PC			68	R. Holt	•	May 23,1962	3	3	35	21		D	101; grey limestone 109. Water at 109. Sand 20; clay 30; fine grey sand 84; clay sand 102; shale 103.
PC			68	R. Capers	*	May 28,1962	3	4	30	19		D	Water at 103. Sandy soil 2; yellow sand 8; grey sand 20; blue clay 30; fine
FC	•		69	D.R. Merill	H.Hernandez&Sons	Nov. 6,1961	4	3	66	21	•	D	grey sand 105; grey limestone 110. Water at 110. Topsoil 1; sand 60; grey clay 85; fine sand 94; white limestone
PC			69	O. Taylor	M.Hernandez	Oct. 1,1962	5	9	50	18		In	136. Water from 125 to 136.  Dark sand 2;gravelly soil 8;quicksand 18;soft grey clay 120
FC			70	M. Yoshnov	M.Hernandez&Sons	Way 21,1960	3	3}	42	26	•	D	hardpan 123; grey limestone 252. Water at 252. Yellow sand 3; gravelly soil 10; grey clay 45; quicksand 96;
PC			70	B. Chapman	•	Aug.27,1962	3	3		25		D	white limestone 105. Water at 104. Loam 1; sand 20; clay 36; gravel 40; clay 90; sand 93; limestone
PC	-0		70	F. Johnson	N.Hernandez	Apr.22,1963	8	20	75	20		In	104. Water at 40 and 104. Dark soil 3;dark clay 122;gravel sand 137;grey limestone
PC			71	R. Little	Lucier Well	Jul. 5,1960	3	7	40	35		מ	152. Water from 140 to 152. Topsoil 2:red clay 18:blue clay 72:clay sand 88:grey
PC	3			B. Vervenne	Drilling L. Sundin	Jul.25,1960		3	35 31	25 19		D	limestone 93. Water at 90. Clay 12; sand 80; stone 85; sand 87; grey rock 98. Water at 98.
PC PC				B. Wright	M.Hernandez&Sons	Dec. 2,1961		3				D	Yellow sand 2; grey gravel clay 10; quicksand 85; grey gravel 100; white limestone 105. Water at 100.
FC		•	72	E. Wright	M.Hernandez	Jun. 1,1962	7	12	80	20		Ir	Sandy loam 1; sand 25; clay 60; hardpan 99; fine sand 102; limestone 109; fine sand 112; limestone 160. Water from 158
FC	3	ė	72	George's	Lucier Well	Aug.10,1963	h	5	65	40	*	ם	to 160. Topsoil 2; red clay 25; quicksand 88; hard grey rock 96. Water
FC		٠	73	Confectioners A. Keith	Drilling M.Hernandez&Sons	Nov.12,1960	7	10	30	20	•	ם	at 95. Topsoil 1; yellow sand 16; quicksand 70; blue clay 85; herdpan
PC	4	•	73	S. Petterson	Lucier Well	Apr.10,1962	4	8	24	20		D	95;gravel limestone 111;dolomite 130. Water from 128 to 129 Topsoll 2;red sand 25;blue sand 96;soft grey rock 105. Wate
FC	,	•	74	C. Martin	Drilling D. Sundin	Jun. 4,1962	3	5	25	13		D	at 105. Old well 12; hardpan 15; grey sand 40; clay 60; fine grey sand
PC	•		76	A. Booky	N.Hernandez&Sons	Sep.22,1961	3	3	18	16	•	D	80;hardman sand 87;grey limestone 92. Water at 92. Loam 1;clay 25;boulders 28;clay 70;fine sand 80;grey
FC			76	C. Langford	•	Jun.13,1962	3	42	14	14	•	ם	limestone 106. Water from 100 to 106. Loam 1; clay 30; sand 35; clay 70; gravel 72; hardpan 89; sand 90
PC	•	•	76	O. Mueller	E. N. Hernandez	Aug. 20, 1963	4			20		N	sandstone 92g. Water at 72 and 92g. Topsoil 1; clay 22; sand 75; hardpan 84; hard blue grey limesto
FC	2	P	76		•	Sep. 2,1963	7	10	40	20	•	ם	92. Water at 85. Topsoil 1; clay 22; sand 70; hard clay pebbles 80; medium sand
PC	•	•	80	Place Gas & 011	D. Sundin	Nay 19,1960	3	5	20	13		D	hand blue grey limestone 90;grey limestone 131. Water at 12: Black topsoil lyyellow clay 7;fine grey sand 22;grayel 30; fine grey sand 65;sand clay stones 79;grey limestone 83.
PC		•	81	R. Bichards	M.Hernandez&Sons	Mar.21,1962	3	3	92	15	*	x	Water at 83. Topsoil 1; clay 20; gravel 40; hardpan 43; gravel 50; hardpan 65 fine sand 72; brown limestone 92; shale 95; white limestone 15
PC	•	•	81	W. Grohs	Lucier Well Drilling	Jun.3, 1963	3						Water from 148 to 152. Topsoil 2; red clay 20; blue clay 50; fine send 80; grey hard limestone 102. Dry hole.

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ESSEX COUNTY -											
Colchester Son	uth Twp.	C. Hyland	D. Sundin	Peb.23,1961	33	10	35	32	Fresh	D	Old well 6; clay 30; clay sand 113; grey shale 116. Water a
PC		Dr.R. Schmidt	D. Sundin	Jun. 9,1961	3	3	35 25	4	• 1481	Ď	Sandy soil 4; yellow clay 12; fine gray sand 15; soft blue 40; gravelly sand 44; clay hardpan pebbles 60; gravelly san
PC	* 86	G. Szoice	S.A. Hutchins	Oct.22,1963	3	4	25	8		D	grey shale 70; grey limestone 81. Water from 71 to 81. Clay 18; blue clay 55; sand 62; grey limestone 83. Water at
PC	- 86	R. Hraback	Lucier Well Drilling	Oct.21,1963	4	2	25 85	4	•	D	Topsoil 2; red clay 20; blue clay 40; clay gravel 50; hardna soft grey rock 90. Water at 70.
PC	* 87	J. Pigeon	D. Sundin	Sep.19,1960	3	10	25 18	17	*	ם	Clay 60; fine sand 67; grey limestone 69. Water at 69.
PC	* 88	W. Cowell	Lucier Well Drilling	Nov. 2,1960	3	<		3		D	Topsoil 3; red clay 19; blue clay 60; sand 63; grey rock 65. Water at 64.
PC	* 88	M. McNaughton		Jun. 1,1961	3	9	12	4		ם	Topsoil 2; red clay 25; hlue clay 55; hardnan 68; soft grey 91. Water at 91.
PC	<b>*</b> 88	D. M. Hardy		Oct. 2,1961	3	15	10	3	•	ם	Topsoil 2; red clay 25; blue clay 50; clay sand 64; soft gre rock 75. Water at 75.
PC	* 88	E. Rudell	D. Sundin	Aug. 9.1962	3	30	20	10		ם	Yellow clay 10; blue clay 65; grey limestone 69. Water at
PC	<b>9</b> 88	W. Cowell	G. Sundin	Oct.17,1962	3	3	20	3		D	Clay 58; sand 61; grey limestone 66. Water at 66.
PC		E.J. Maguire	D. Sundin	Jul.11,1963	4		15	7	•	ם	Blue clay 55; sand clay 63; chale 64. Water at 64.
PC	90	A.R.Beinbridge	Lucier Well Drilling	Jul.5, 1963	3	5 10	20	10 8		D D	Topsoil 2; red clay 20; blue clay 40; clay sand 60; sand 63; grey rock 66. Water at 65.
PC	* 91	T. Gilines	-	Mar.17,1963	3	10	15	8	-	, D	Tobsoil 2; red clay 20; lue clay 40; sand 57; soft grey roof 65. Water at 65.
PC	. 92	P. Coughlin		Jun.17,1960	3	12	20	12		D	Topsoil 2; red clay 18; blue clay 60; send clay 74. Water a
FC	* 92	G. Davis	S.A. Hutchins	Jun.19,1962	ź	3	25	7		D	Yellow clay 15; blue clay 48; sand 62; hardnen 65; sand 72; sandstone 77. Water at 77.
PC	92	J. Boucher		Jul.18,1963	3	2	65	10		D	Yellow clay 18; blue clay 57; sand 74; limestone 77. Water
PC	* 93	J. Court	Lucier Well Drilling	May 20,1960	3	4	18	10	7	ם	Topsoil 2; red clay 21; blue clay 65; gravel 67. Water at 6
PC	* 93	G. Middleton	211111111111111111111111111111111111111	Jul.19,1960	3	10	18	3		D	Topsoil 2; red clay 20; blue clay 40; clay sand 65; sand gra
PC	* 93	W. Bragnette	L. Sundin	Sep.19,1960	2	71		5	•	D	Clay 32; stone 35; clay 65; sand 69; grey limestone 78. Water
PC	* 93	E. Gofenko	•	Sep.28,1960	2	1		5		D	Clay 64: fine sand 66: grey limestone 94. Water at 76.
FC	* 93	D.J. Adams	•	Sep.3, 1962	3	73	15	5		Ď	Clay 64; sand 65; rock, Water at 65.
FC	* 93	P.&C. Elton	D. Sundin	Jun. 11, 1963	3	4	15 25	3	•	D	Yellow clay 10; blue clay 45; sand clay 55; grey limestone Water at 57.
FC	* 93	E. Byrne	E.M.Hernandez	Aug. 9,1963	7	10	15	8		מ	Topsoil 1; clay 60; clay gravel 64; grey limestone 79. Water 74.
FC	• 94	R. Ferguson	M.Hernandez&Sons	Jun. 2,1960	3	5	23	12		D	Black sand 2; grey clay 25; outcksand 55; hardnen 76; sand 8 sandstone 90; grey limestone 107. Water at 107.
PC	* 94	D. White	S.A. Hutchins	Aug.29,1963	3	4	25	10	-	D	Clay 24; b'ue clay 40; sand 44; bine clay 52; sand 60; sandst
FC	<b>"</b> 96	V. Bedalutza	D. Sundin	Jun.26,1960	3	21	35	4	•	D	66. Water at 66. Blue clay 53;grey sand 58;blue clay cand 76;grey limesto 90. water at 90.
PC	• 97	T. Budynski	Lucier Well Drilling	Jul.23,1960	3	10	15	7	•	ם	Topsoil 2; red clay 20; hour clay 45; sand 68; gravel 70. Wa at 69.
FC	* 97	L.E. Graham		Jun. 1,1962	3	5	18	3	•	D	Topsoil 2; red clay 20; blue clay 50; sand 60; gravel rock
PC	• 97	E. Sloen	•	May 2, 1963	3	5	25	4	•	D	Water at 65. Topsoil 2;red clay 20;blue clay 50;clay sand 68;soft grerock 71. Water at 71.
PC	• 97	A. Olivestri		Jul.23,1963	3	5	20	15		D	Topsoil 2; red clay 20; blue clay 55; sand 69; soft rock 80. Water at 79.
PC Gore	• p	J. Buksar	D. Sundin	Dec. 4,1963	4	1	120	8	٠	D	Sendy soil 5; fine grey sand 111; clay sand 113; grey lime: 163. Water from 113 to 163.
	100	W. Showell	_	Aug.10,1960	3	5	30	11		מ	Clay 18; fine sand 120; grey limestone 128. Water at 128.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCAT	ION 1	(a)	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST		STATIC LEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY_ Colchester S FC Gore FC Gore	outh 1	Twp-	cont. J. Bogdon W.Stadon	D. Sundin	Jul.22,1963 Feb.21,1962		10	30	5 15	Presh	T	Sendy soil 5; send clay 20; fine grey send 110; shale sand 112; grey limestone 150. Water at 128. Yellow sand 2; grey sand 15; hardoan 17; black gravel 19; quicksend 110; gravel limestone 123; grey limestone 151; sand
FC Gore		14		•	Mar. 9,1962	8	175	115	14	Fresh	Ir	154. Yellow sand 2; losm grey gravel 5; grey sand 25; ouicksand 117;
FC Gore	•	16	J. Murray	E.Hernandez	Jul.15,1961	8	30	100	18		N	grey limestone 136; white limestone 225. Water at 136 and 225. Topsoil 1; sand 40; blue clay 100; sandy clay 121; brown limestone
FC Gore		16	•	*	Sep.27,1961	8	165	150	15	*	N	150. Water from 128 to 130. Topsoil 1; sand 30; sand clay 110; medium coarse gravel 128;
FC Gore	*	17	K. Dennis	M.Hernandez&Sons	May 26,1961	7	5	20	7	Sulphur	D	brown limestone 190. Water at 135, 150 and 1º0. Topsoil 1; sand 4; clay 20; quicks and 103; sand gravel 115; hardpa:
PC Gore	×	17	H. Lepp	M.Hernandez	Jul.17,1962	7						116; limestone 129. Water at 127. Dark sand 2; sand stones 5; b'ue clay 23; quicksand 118; gravel
FC Gore	•	17	•	•	Nov. 6,1962	8	65	100	18	Sulphur	Ir	131. Dry hole. Light sand 2; sandy grey soil 6; quicksand 10; grev clay 60; quicksand 118; hardban 124; gravel 126; grey limestone 130. Water at 130.
Essex Town			A. Buhler	J.H. Smith	Oct.31,1963	3	10	35	33	Fresh	ם	Brown clay 12; hlue clay 72; sand 87; hlue clay 107; sand 117; grey rock 119. Water at 119.
Gosfield Nor Con VI	th Twn lot	2	R.A.Parquhar- son	D.Sundin	Jun.19,1962	31	12	35	20	Sulphur	D	Clay soil 2; yellow clay 10; blue clay 80; hardban 88; grey clay pebbles 95; grey clay large stones 108; gravel sand 116; grey
Con VI		9	J. Gillett		Peb.16,1962	3	4	25	15	Fresh	D	limestone 120. Water at 120. Clay 50; gravelly sand 53; clay sand 63; gravelly sand clay 117;
Con VI		10	W. Kellington		Sep.17,1963	3	2	80	12		D	gravel 118. Water at 118. Black topsoil 2; yellow clay 10; blue clay 65; fine sand gravel
Con VI		17	G. Stevenson		Nov.29,1961	3	21	30	3	Sulphur	s	103; white limestone 132; grey limestone 153. Water at 153. Clay 57; sand 65; clay sand 100; grayelly sand 103; grey
Con VII		3	R. Barnett	•	Nov. 3,1961	4	7	30	20	•	D	limestone 104. Water at 104. Clay 80; hardman 88; clay sand 116; grey limestone 121. Water
Con VII		6	E. Ross		Apr.20,1952	31	3	60	15	Fresh	ם	at 121. Clay 55; sand 85; clay 137; sand shale 143; grey limestone 145.
Con VII Con VII Con VIII	**	25 25 4	A. Gerendt	M.J. Williams Johnston Bros.	Sep.20,1963 Oct.29,1963 Mar.29,1962	4	25	105 60	0 28	Presh	D,S	Water at 145. Blue clay 95; fine sand clay 120; brown limestone 133. Dry hole Blue clay 95; fine sand 105; coarse sand 110. Water at 105. Yellow clay 10; blue clay 80; sand 123; grey rock 134%; Water
Con X	•	9	P. Noble	W. Hernendez	Oct.13,1963		3	40	25		D	at 1344. Clay 45; blue clay 98; hardpan 110; fine sand 115; hardpan 119;
Con X			L. Cosgrove	C. Smith	Aug. 8,1960		5	10	10		D	brown limestone 125. Water from 122 to 125. Yellow clay 14; blue clay 94; sand gravel blue clay 90; blue
TRN	* 2	272	A. Haggins	D. Sundin	Sep.10,1962	3	6	35	23	•	D	clay 97; sand 100; gravel 102; Water at 100. Yellow clay 10; blue clay 98; harrban 118; shale sand 123; grey limestone 125, Water at 125.

ESSEX COUNT	V											
Gosfield S			hmt	i a	1				1		1	
Con II			G. Rogers	D. Sundin	Mar.31,1961	3	10	25	16	Sulphur	ם	Old well 22; fine sand 24; blue clay 26; fine sand 90; gravel 93.
Con II		I	M. Zalenak		Nov.25,1960			20	16	Parante	D	Water at 93.
Con II			J. Knight	S. Gilbert	Jan.31,1961	3	10	25 20	10	Fresh	C	Reservoir 17; blue clay 32; hardnan 44; fine sand. Water at 44. Sandy soil 3; brown gravel 25; fine grey sand clay 103; soft
COH II		FI	J. KHIVHU	o. dilbert	van. 31, 1901	,		20	10			brown limestone 106. Water at 40 and 106.
Con II		8		D. Sundin	Jan. 11, 1961	3	13	70	7	Sulphur	D	Old well 10:fine sand 45:clay sand 85:clay sand stones 95:
on II		0		D. Sundin	234.11,1301	,	3.2	70	7	outphus		grey limestone 100. Water at 97.
Con III	**	A	C. McLean	G. Sundin	Dec. 1,1962	1.	4	60	27		D.S	Clay 49; sand 104; limestone 112. Water at 112.
Con III		F	B.Mulcaster	D. Sundin	Apr.30,1962	31	3	65 30	18	Fresh	D	Clay 30; clay sand 100; shale sand 103. Water at 103.
Con III			M. Tuma	E.M.Hernandez	Dec.31,1963	2	3	120	50	Sulphur	In	Topsoil 1; yellow sand 6; b'ue clay 55; sandy clay 135; limestone
2011 111		++	ne rome	Delitated the lides	260.71,1707	1.	2	4.5	24	Outpour	-11	155:soft sandstone 16f;soft limestone 185;hard brown limestone
			1									235. Water from 200 to 335.
Con IV	100	1	J. Lochach	Lucier Well	May 12,1962	3	5	25	15	Fresh	D.S	Toponil 2-red clay 20-blue clay cond gravel 68-cond gravel
		•		Drilling		- 1		- ,	.,		-,-	Topsoil 2; red clay 20; hive clay sand gramel 68; sand gravel 70; soft white rock 81. Water at 81.
Con IV		12	W.E. Grant	D. Sundin	Oct.13,1960	3	15	25	11		D	Yallow clay 10: blue clay 30: sand clay hardnen 65: clay 83:
10000 700							-2	~,				Yellow clay 10; blue clay 30; sand clay hardnan 65; clay 83; sand gravel 86. Water at 86.
Con IV		12	M. Benko	*	May 10,1962	Łi .	8	60	10	Sulphur	D	Clay 40;grey sand 90;clay 115;sand 117;shale 118, Water at
OR188 0-010			72.2	- Par	ATTEN THE BUILDING			18-311	1200.00			118.
Con IV		10	Derkack Bros.	h.dernandez&Sons	Nov.21,1962	8	50	16	14	Fresh	In	Yellow sand 3;quicksand 12;clay 80;hardpan 98;gravel 103;
		-		II NO TO PERSONAL ME SALINA							-1100.0	hard limestone 111. Water from 98 to 103 and from 103 to 111.
Con 7		11	P. Welker	D. Sundin	Jan. 25, 1962	3	2	35	16	Sulphur	D	Old well 22;blue clay 96;sand 97;shale 98;sand 99;grey
												limestone 120. Water at 98 and 120.
Con V		19	A. Fisher	M.J. Williams	May 5, 1960							Quicksand \$4; hardman 127; soft white limestone 150. Dry hole.
FC ED		5	T.Schaafsma	M·Hernandez	Sep. 9,1963	4	2	80	10	Sulphur	Ir	Black loom 2; grey clay 77; sand gravel 79; dark limestone 92.
H	_	15.									_	Water at 92.
og FC ED		8	C. Harm	D. Sundin	Feb. 9,1961	4	15	20	7	**	ם	Reservoir 15; clay 45; clay cand 115; hardpan 135; sand gravel
70.77	-			w m								138; grey limestone 144. Water at 144.
FC ED FC ED		13	F. Mastronard1	M.Hernandez&Sons	Sep.15,1962	8						Sandy loam 3; grey clay 135; grey limestone 276. Dry hole.
FC ED	-	13	_	-	Sep.25,1962							Sandy losm 3; grey clay 120; hardpan 130; grey limestone 180.
PC ED	.00	13			Sep.29,1962	R	9	20.00	Flows	Fresh	In	Dry hole. Sandy loam 3;s'lty grey sand 10; grey clay 45; hardman 48;
10 00		1)			26b 5 24 1 305	9		47	TONE	rresn	ın	gravel 60. Water from 48 to 60.
FC WD		2	L.Barg	M.Hernandez	Dec. 6,1960	b.	6	22	16		מ	Dark clay loam 2; grey clay 15; quicksand 25; prev clay 80;
		Sec.			200 0,1700	-	"	2.5	10		_	hardwan 92; quicksand 97; grey limestone 109. Water at 109.
FC WD		3	E.A. Barton	G.Sundin	May 30,1963	6	20	25	17		מ	Sand 5; clay 52; sand clay 63; sand 65; rock 71. Water at 71.
FC WD	100	Ĺ,	H. Mollot		May 16,1962	4	15	25	19		D	Yellow sand 5; clay 48; sand clay 61; gravel 63. Water at 63.
FC WD	10	5	E. Matschulat	10	Apr. 28, 1962	5	ī		19	*	D	Old well 20; quicksand 30. Water at 30.
FC WD	10	7	W.W. Senford	M.Hernandez&Sons	Mar.15,1960	3	10	55	11	.00	Ď	Loam 1; clay 69; sand 70; grev limestone 72. Water at 71.
FC WD	**		J. Element		Mar.20,1960	3	10	55 71	10		D	Loam 1:clay 70:silty sand 73:grey limestone 96. Water at 96.
PC WD	99	7	F. Veitch	L. Sundin	Jul.13,1960		12	15	10	*	D	Clay 25:send 59:stone 62:send 67:grey rock 68. Water at 68.
FC WD	**	7	M.J. Lemmon		Jun. 10, 1961	2	20		12		D	Clay 25; sand 59; stone 62; sand 67; gray rock 68. Water at 68. Clay 22; sand 68; stone 62; sand 66; gray rock 68; Water at 68.
FC WD		7	R. Voegel	M.Hernandez&Sons	Jan. 6,1962	3	3	40	15	Sulphur	D	Topecil 1; sand 25; clay 72; sand 23; grev limestone 95. Water
							-			1000,000,100,100		from 90 to 95.
FC WD		7	P. Golden	D. Sundin	Apr. 5,1962	5	5	22	17	Presh	D	Old well 21; clay 27; sand 30; clay 45; fine sand clay 50. Water
	62		4V 54									at 50.
FC WD	10	7	W. Warren		Dec.20,1963	3	15	30	19		D	Old well 15; fine grey sand R9; shale 91. Water at 91.
FC WD			R. Valade	M. Hernandez&Sons		3		18	3		D	Black sand 3; grev clay 45; ouicksand 61. Water at 60.
PC WD		8	R. Cascadden	D. Sundin	Dec.13,1960		10	19			D	Reservoir 19; shale 22; hardban 42. Water at 42.
FC WD		9	E. Berndt	_	May 25,1960	3	60	10	2		D	Clay 35; grey cand 40; clay sand 491; grey limestone 52. Water
BO UD		_	U 0 0-144	-	0 00 4545	-					-	at 52.
FC WD		9	H.S.Smith	-	Sep.27,1960	3	12	25	4		D	Clay 35; clay sand hardpan 42; sand soft clay 51; gravel 53; grey
FC WD		9	P. Bering		N 22 1060	6	10	20	16		D	limestone. Water at 53.
FC WD	-,	9	r. pering	100	Nov.23,1960	0	10	25	16	-	ט	Reservoir 24; blue clay 3?; hardnan 44; fine send. Water at 44.
			L.						1	1	1	

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	x Z	LOCAT	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
G	SEX CO osfiel FC WB FC WD		th T	σn . − (	A. Hotz L. Ulch	D. Sundin	Feb.20,1962 Dec.14,1963	4 3	3 25	25 25	18 12	Fresh	D D	Old well 22; clay 35; sand growel 37. Water at 37. Gravel fill 1:black tonsoil 2; yellow sand 8; fine grey sand 73; shale sand '75. Water at 75.
	PC WD		n	11	Kingsville Golf Club	G. Sundin	Apr.21,1960	6	10	50	11	**	D	Clay 7; quicksand 74; limestone 100. Water at 100.
	FC WD FC WD FC WD		**	15 16 16		M.Hernandez&Sons D. Sundin M.Hernandez&Sons	Aug.11,1961 Jul.8, 1960 Aug.18,1960	7 3 3	6 5 2	23 15 48	16 2 3	Sulphur Fresh	D D	Clay loam 2;grey clay 65;sand gravel 73, Water at 73. Clay 20;sand clay 40;sand 53;gravel sand 55. Water at 55. Black loam 2;red clay 50;fine outcksand 55;white limestone 62. Water at 62.
	FC WD		10	16	Lewis Dairy	E.Hernandez	Jun. 4,1962	7	20	30	21	Sulphur	In	Topsoil 1; send ??; quicksend 70; clay 71; send ?3; brown limestone 83. Water at 80.
	FC WD		m	16	W.E. Davies	D. Sundin	Jun. 8,1962	3	5	2.5	3	Fresh	D	Old well 15; blue clay 40; clay sand stones 45; clay sand 50; grey limestone 60. Water at 60.
	FC WD			16	F. Agla	•	Aug.13,1962	3	7	20	5	**	D	Yellow clay 10; blue clay 40; gravelly sand clay 46; grey limestone 55. Water at 55.
	FC WD		*	16 16	G. Taylor D. McKenzie	n n	0et.18,1962 Mar.27,1963		10 20	15 20	8	*	D D	Pit 3;blue clay 45;shale gravel 46. Water at 46. Yellow clay 10;blue clay 60;sand clay 68;sand gravel 74; gravel 75. Water at 75.
	FC WD		10	16	W.J. Rogers	,	Oct. 2,1963	3	3	25	6	Fresh	D	Clay topsoil 2; yellow clay 10; blue clay 30; fine sand 44; gravelly sand 47; hardpan fine sand 51; grey limestone 53. Water at 53.
	FC WD FC WD		*	1	H. Newman G. Norriss	M.Hernandez&Sons	Oct.25,1961 May 7, 1961		5 1	32 30	8	Sulphur	D D	Clay send fill 3; eand 5; clay 37; sand gravel 45. Water at 45. Fill 3; sand 10; clay 46; fine to medium sand 49%. Water from 46 to 49%.
	FC WD FC WD FC WD FC WD		**	19 25 27 32		D. Sundin G. Sundin D. Sundin M.Hernendez&Sons	Jan.14,1960 Jul.15,1961 Sep.21,1963 May 10,1961	3	5 30 20 3	25 20 15 45	4 3 10 4	Gas Fresh Sulphur	D D D	Brick well 20;clay 30;sand 45;grey limestone 48, Water at 48, Old well 20;sand 61;coarse sand 62. Water at 62. Old well 18;fine sand 20;clay sand 60;shale 62. Water at 62. Topsoil 1;yellow clay 4;blue clay 61;brown limestone 70. Water at 70.
	FC WD	4th S	EC. "	1	E. Geauvreau	D. Sundin	Jul.29,1961	3	21/2	70	10	Fresh	D	Topsoil clay 2; yellow clay 10; blue clay 65; fine grey sand 70; clay gravel hardpan 80; clay fine grey sand 85; grey limestone 97; brown limestone 100; grey limestone 110. Water from 97 to 110.
	FC WD			6	L. Malott	M.Hernandez&Sons	Nov.23,1960	4	3	18	3	**	D	Black soil 3;gray clay 8;clay 35;hardman 45;sand clay 56; gravel 71. Water from 56 to 71.
	PC WD		n n	8	J. Marko	D. Sundin	Feb.19,1963	3	3	25	17	in	ם	Old well 14; blue clay 25; fine grey sand 75; clay sand 81; grey limestone 92. Water at 92.
	FC WD	м .		9	F. Gross		Jun.19,1963	3	5	25	18	*	D	Tonsoll liyellow clay 10; blue clay 22; grey sand 27; blue clay 50; grey sand 94; grey limestone 95. Water at 95.
K	ingsvi	ille T	own.		F. Jasperson	M.Hernandez&Sons	Aug.27,1960	7	10	35	26	Sulphur	D	Topsoil 1; yellow clay 9; thue clay 65; sandy clay 72; dolomite 85. Water at 82.
Ma	idston BRW Co	ne Twp	10	t 13	L. Dehevo	S. Gilbert	Sep.20,1960	3	4	20	5	Fresh	N	Topcoll 1; blue clay 107; fine outcksand 119; hordran 122.
	BRW Co	on IV	н	13	*	11-	Jun. 6,1961	4	9	10	5	Sulphur	D,S	Water at 107. Tonsoil 1;grey clay 102; coarse gravel 108; medium sand 120; grovel clay 1°2; fine sand 126; grey limestone 127. Fresh
	BRW Co	on IV	н	18	J. Zack	J.H. Smith	Jun.30,1961	3	5	19	8	*	D,S	water at 105, sulphur water at 127. Brown clay 12; blue clay 42; sand 62; sandy blue clay 92; sand 116; hard grey limestone 120. Water at 119.

ESSE	COUNTY	1 - 0	ont.											
Maid BR	stone T	wp.	- co	nt i	K. Frinck	Johnston Bros.	Oct.15,1960	4	7	50	38	Presh	D,S	Yellow clay 10; sand 13; blue clay 97; sand 100; brown limestone
BRI	Con V		• 1	В	S. Quinlan	S.Gilbert	Oct.26,1960	3	3	22	18	Sulphur	מ	103. Water at 103.  Dark sandy topsoil 1; blue clay 106; medium sand 121; limestone
BRV	Con VI		• 2	6	G. MacKenzie	Johnston Bros.	Jun. 25, 1962	4	6	45	35	Presh	D,S	133. Fresh weter at "ITQ, sulphur weter at "33". Yellow clay 10; blue clay 120; sand gravel 121; shale 122; fine
BRI	Con IX	(	• 1		St.Marks	Lucier Well	Jul.30,1960	4	12	22	18	Sulphur	P	sand 125; brown limestone 126. Water at 126. Topsoil 2; red clay 20; blue clay 85; grey sand 110; red sand 120;
BR	Con I	C	<b>"</b> 1		School Board E. Chittle	Drilling	May 12,1960	4	15	25	16	•	D,S	grey rock 191. Weter at 130. Topsoil 2; red clay 20; blue clay 90; sand 98; clay sand 119; sand 121; sand gravel 124; coarse gravel 126. Water at 125.
BRI	Con X	C	• 1 • 2		H. Seifker	:	May 13,1960 Aug.15,1961	4	8	60	20	Fresh	D,s	Topsoil 2; red clay 20; blue clay 80. Dry hole. Topsoil 2; red clay 25; blue clay 70; clay send 80; clay 120; clay gravel sand 128; soft grey rock 132. Water at 132.
MRV	r		• 1	1	O. Izsak	,•	May 3, 1960	4	5	50	35		D	Topsoil 3; red clay 20; blue clay 60; sand bed 65; blue clay 87; sand 90; gravel 95. Water at 93.
MRI	Ī		• 6		School Area	Johnston Bros.	Peb.13,1961	4	6	55	35	Sulphur	P	Yellow clay 10; blue clay 96; sand 1112; brown limestone 116.
MRI			* 1 * 8	5	G. Fuerth H. Gryce	M.J. Williams S. Gilbert	Aug.23,1963 Jul.7, 1962	3	16 <del>2</del> 10	105 25	8 24		D,S D	Blue clay 95; brown limestone 105. Weter at 105. Yellow clay 5; blue clay 165; clay gravel 110; sand 115; grey limestone 117. Water at 117.
MRS	ł		• 9		I. Remsay	Johnston Bros.	Aug.10,1962	4	42	50	35		D,S	Yellow clay 15; blue clay 110; sand 113; rock brown lirestone 160; Water at 160.
TRI	Г		* 28	4	C. Vlasic	•	Nov.3, 1961	4	6	40	38	*	D	Yellow clay 12; blue clay 1201; sand gravel 1242; brown limestone 1272. Water at 1272.
Ħ				1										Timestone Layy, water at layy,
Male	en Twp.			- 4		1			1		l .		1	
	P					120 12				alam.				
8					E. Kral G. Epstein	M.Hernandez&Sons S.A.Hutchins	Jun.18,1960 Jul.23,1960	3	6	10	Plows 1	Fresh	D D	Send 3; red clay 40; gravel 45. Water at 45. Yellow clay 20; blue clay 27; quicksand 41; limestone 46. Water
Œ								3	6 5 5	10 2 10 15		Fresh		Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water et 46. Yellow clay 15; blue clay 44; bardoan 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; bardoan 18; blue clay 36; gravel
න න න					G. Epstein R. Mickle	S.A.Hutchins	Jul.23,1960 Aug.?6,1960	3 4 3	5	2 10	1		D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; hardman 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; hardman 18; blue clay 36; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; hardman 25; out cksand 44; sandstone
88 88					G. Epstein R. Mickle V. Coletta	S.A.Hutchins D. Sundin	Jul.23,1960 Aug.26,1960 May 20,1961	3	5	2 10 15	1 3	:	D S D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water et 46. Yellow clay 15; blue clay 44; bardwan 46; gravel 47. Water et 47. Sandy soil 3; yellow clay 15; bardwan 1P; blue clay 26; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; bardwan 25; quicksand 44; sandstone 65; limestone 80. Water from 65 to 80. Clay 20; blue clay 35; quicksand 40; sand 45; sandstone 50. Water
8 8 88 88					G. Epstein R. Mickle V. Coletts G. Drake E. Desjardin W. Meshan	S.A.Hutchins D. Sundin	Jul.23,1960 Aug.26,1960 May 20,1961 Jun.16,1961	3 3	5 5 4 5	2 10 15 40 10	1 3 10 1	Sulphur Fresh	S D D D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; bardoan 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; bardoan 18; blue clay 26; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; bardoan 25; quicksand 44; sandstone 65; limestone 90. Water from 65 to 90. Clay 20; blue clay 35; quicksand 40; sand 45; sandstone 50. Water at 50. Clay 20; blue clay 29; quicksand 44; sandstone 49. Water at 49.
8 88 88		•			G. Epstein R. Mickle V. Coletta G. Drake E. Desjardin	S.A.Hutchins D. Sundin	Jul.23,1960 Aug.26,1960 May 20,1961 Jun.16,1961 Jul.5, 1961	3	5 5 4 5	2 10 15 40	1 3 10 1	Sulphur	S D D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; bardman 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; bardman 18; blue clay 36; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; bardman 25; out cksand 44; sandstone 65; limestone 90. Water from 65 to 90. Clay 20; blue clay 35; out cksand 40; sand 45; sandstone 50. Water at 50. Clay 20; blue clay 29; out cksand 44; sandstone 49. Water at 49. Clay 39; hardman 40; out cksand 41; sandstone 49. Water at 44. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 70. Water
88888888888		•			G. Epstein R. Mickle V. Coletta G. Drake E. Desjardin W. Meahan H. Turrell	S.A.Hutchins D. Sundin	Jul.23,1960 Aug.26,1960 May 20,1961 Jun.16,1961 Jul.5, 1961 Jul.19,1961 Jul.20,1961 Jul.31,1961 Aug.2, 1961	3 3 3 3 3 3 3	5 4 5 4 3 3 4	10 15 40 10 5 20 40	1 1 3 10 1 2 10 2	Sulphur Fresh	D S D D D D D D D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; bardman 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; blardman 18; blue clay 36; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; blue clay 20; blue clay 20; blue clay 35; quicksand 40; sand 45; sandstone 65; limestone 90. Water from 65 to 90. Clay 20; blue clay 35; quicksand 40; sand 45; sandstone 50. Water at 50. Clay 20; blue clay 29; quicksand 44; sandstone 49. Water at 49. Clay 39; hardman 40; quicksand 41; sandstone 49. Water at 44. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 90. Water at 79. Clay 21; blue clay 40; sand 44; sandstone 60; limestone 90. Water at 79. Clay 21; blue clay 40; sand 44; sandstone 64; water at 45.
88 88 8 8 88 88		•			G. Epstein R. Mickle V. Coletts G. Drake E. Desjardin W. Meahan H. Turrell V.L. Buff	S.A.Hutchins D. Sundin	Jul. 23, 1960 Aug. 26, 1960 May 20, 1961 Jun. 16, 1961 Jul. 5, 1961 Jul. 20, 1961 Jul. 31, 1961 Aug. 2, 1961 Nov. 6, 1961	3 3 3 3 3 3 3	5 5 4 5 4 3 3 4 5	10 15 40 10 5 20 40	1 1 3 10 1 2 10 2 6 5	Sulphur Fresh	D S D D D D D D D D D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; bardman 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; bardman 18; blue clay 26; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; bardman 25; quicksand 44; sandstone 65; limestone 90. Water from 65 to 90. Clay 20; blue clay 35; quicksand 40; sand 45; sandstone 50. Water at 50. Clay 20; blue clay 28; quicksand 44; sandstone 49. Water at 49. Clay 20; blue clay 40; sand 47; sandstone 44; Water at 44. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 90. Water at 79. Clay 20; blue clay 40; sand 44; sandstone 44. Clay 20; blue clay 40; sand 47; sandstone 44; Water at 45. Clay 20; blue clay 40; sand 44; sale 45. Water at 45. Clay 20; blue clay 40; bardman 42; sand 44; gravel 45. Water at 45.
88888888888		•			G. Epstein R. Mickle V. Coletta G. Drake E. Desjardin W. Meahan H. Turrell	S.A.Hutchins D. Sundin	Jul.23,1960 Aug.26,1960 May 20,1961 Jun.16,1961 Jul.5, 1961 Jul.19,1961 Jul.20,1961 Jul.31,1961 Aug.2, 1961	3 3 3 3 3 3 3	5 4 5 4 3 3 4	10 15 40 10 5 20 40	1 1 3 10 1 2 10 2	Sulphur Fresh	D S D D D D D D D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; bardman 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; bardman 18; blue clay 36; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; bardman 25; out cksand 44; sandstone 65; limestone 90. Water from 65 to 90. Clay 20; blue clay 35; out cksand 40; sand 45; sandstone 50. Water at 50. Clay 20; blue clay 28; out cksand 44; sandstone 49. Water at 49. Clay 39; bardman 40; out cksand 41; sandstone 49. Water at 44. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 90. Water at 79. Clay 21; blue clay 40; sand 44; sandstone 44; water at 45. Clay 20; blue clay 40; sand 44; sand 44; gravel 45. Water at 45. Clay 15; blue clay 35; fine sand 41; bard limestone 57. Water
88 88 8 8 88 88		•			G. Epstein R. Mickle V. Coletts G. Drake E. Desjardin W. Meahan H. Turrell V.L. Buff	S.A. Hutchins  D. Sundin  S.A. Hutchins  " " " " " " " " " " " " " " " " " "	Jul. 23, 1960 Aug. 26, 1960 May 20, 1961 Jun. 16, 1961 Jul. 5, 1961 Jul. 20, 1961 Jul. 31, 1961 Aug. 2, 1961 Nov. 6, 1961	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5 5 4 5 4 3 3 4 5	10 15 40 10 5 20 40	1 1 3 10 1 2 10 2 6 5	Sulphur Fresh	D S D D D D D D D D D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; bardman 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; bardman 18; blue clay 26; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; bardman 25; quicksand 44; sandstone 65; limestone 80. Water from 65 to 80. Clay 20; blue clay 35; quicksand 40; sand 45; sandstone 50. Water at 50. Clay 20; blue clay 28; quicksand 44; sandstone 49. Water at 49. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 80. Water at 79. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 80. Water at 79. Clay 20; blue clay 40; sand 44; sand 44; gravel 45. Clay 20; blue clay 40; bardman 42; sand 44; gravel 45. Clay 15; blue clay 35; fine sand 41; bard limestone 57. Water at 57. Topsoil 2; red clay 20; blue clay 27; quicksand 44; soft white
88 88 8 8 88 88		•			G. Epstein R. Mickle V. Coletts G. Drake E. Desjardin W. Meahan H. Turrell V.L. Ruff A. Gibb	S.A. Hutchins D. Sundin S.A. Hutchins	Jul.23,1960 Aug.26,1960 May 20,1961 Jun.16,1961 Jul.5, 1961 Jul.20,1961 Jul.31,1961 Aug.2, 1961 Mov.6, 1961 Decc.9, 1961	3 3 3 3 3 3 3 3 3 3 3	5 5 4 5 4 3 3 4 5 4	10 15 40 10 5 20 40 40	1 1 3 10 1 2 10 2 6 5	Sulphur Fresh	D S D D D D D D D D D D D D D D D D D D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; bardwan 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; bardwan 1P; blue clay 26; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; bardwan 25; quicksand 44; sandstone 65; limestone 80. Water from 65 to 80. Clay 20; blue clay 35; quicksand 40; sand 45; sandstone 50. Water at 50. Clay 20; blue clay 29; quicksand 44; sandstone 49. Water at 49. Clay 39; hardwan 40; autoksand 41; sandstone 49. Water at 49. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 80. Water at 29. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 80. Water at 29. Clay 20; blue clay 40; bardwan 40; cand 44; gravel 45. Water at 45. Clay 20; blue clay 35; fine sand 41; hard limestone 57. Water at 57. Topsoil 2; red clay 20; blue clay 27; quicksand 44; soft white rock 68. Water at 68. Topsoil 2; red clay 20; blue clay 32; clay sand 47; soft grey
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		•			G. Epstein R. Mickle V. Coletts G. Drake E. Desjardin W. Meahan H. Turrell V.L. Euff A. Gibb R. Dickson	S.A. Hutchins  D. Sundin  S.A. Hutchins  " " " " " " " " " " " " " " " " " "	Jul.23,1960 Aug.26,1960 May 20,1961 Jun.16,1961 Jul.5, 1961 Jul.19,1961 Jul.20,1961 Jul.31,1961 Aug.2, 1961 Mov.6, 1961 Dec.9, 1961 Jun.12,1962	3 3 3 3 3 3 3 3 3 3	5 5 4 5 4 5 4 5	2 10 15 40 10 5 20 40 20 6 40	1 1 3 10 1 2 10 2 6 5	Sulphur Fresh Sulphur Fresh	D S D D D D D D D D D D D D D D D D D D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; bardoan 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; bardoan 18; blue clay 26; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; bardoan 25; quicksand 44; sandstone 65; limestone 90. Water from 65 to 90. Clay 20; blue clay 35; quicksand 40; sand 45; sandstone 50. Water at 50. Clay 20; blue clay 28; quicksand 41; sandstone 49. Water at 49. Clay 20; blue clay 40; sand 47; sandstone 44; Water at 44. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 90. Water at 29. Clay 20; blue clay 40; sand 44; shale 45. Water at 45. Clay 20; blue clay 40; bardoan 47; sand 44; gravel 45. Water at 45. Clay 20; blue clay 40; bardoan 47; sand 44; gravel 45. Water at 45. Clay 20; blue clay 35; fine sand 41; bard limestone 57. Water at 57. Topsoil 2; red clay 20; blue clay 27; quicksand 44; soft white rock 68. Water at 68. Topsoil 2; red clay 20; blue clay 32; clay sand 47; soft grey rock 54. Water at 54. Topsoil 2; red clay 15; gand clay 27; sand 47; soft grey rock 57.
88 88 888 888 88		•			G. Epstein R. Mickle V. Coletts G. Drake E. Desjardin W. Meahan H. Turrell  V.L. Ruff A. Gibb R. Dickson G. Fairlie	S.A. Hutchins  D. Sundin  S.A. Hutchins  " " " " " " " " " " " " " " " " " "	Jul. 23, 1960 Aug. 26, 1960 May 20, 1961 Jun. 16, 1961 Jul. 5, 1961 Jul. 20, 1961 Jul. 20, 1961 Jul. 31, 1961 Aug. 2, 1961 Nov. 6, 1961 Dec. 9, 1961 Jun. 12, 1962 Jun. 12, 1962	3 3 3 3 3 3 3 3 3 3 3	5 5 4 5 4 5 4 5 12	2 10 15 40 10 5 20 40 20 6 40	1 1 3 10 1 2 10 2 6 5 7 3	Sulphur Fresh ** Sulphur Fresh	S D D D D D D D D D D D D D D D D D D D	Yellow clay 20; blue clay 27; quicksand 41; lirestone 46. Water at 46. Yellow clay 15; blue clay 44; bardman 46; gravel 47. Water at 47. Sandy soil 3; yellow clay 15; blue clay 26; gravel sand 41. Water at 41. Yellow clay 15; blue clay 20; bardman 25; out cksand 44; sandstone 65; limestone 90. Water from 65 to 90. Clay 20; blue clay 35; out cksand 40; sand 45; sandstone 50. Water at 50. Clay 20; blue clay 28; out cksand 41; sandstone 49. Water at 49. Clay 39; bardman 40; out cksand 41; sandstone 49. Water at 49. Clay 20; blue clay 40; sand 47; sandstone 60; limestone 90. Water at 79. Clay 20; blue clay 40; sand 44; sandstone 60; limestone 90. Water at 79. Clay 20; blue clay 40; sand 44; sand 44; gravel 45. Water at 45. Clay 20; blue clay 40; bardman 42; sand 44; gravel 45. Water at 45. Topsoil 2; red clay 20; blue clay 27; quick-and 44; soft white rock 68. Water at 68. Topsoil 2; red clay 20; blue clay 32; clay sand 47; soft grey rock 54, Water at 54.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCAT	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY n Twp.			P.W. Schwimmer G. Toplic	S.A. Hutchins Lucier Well Drilling	Sep.8, 1962 Sep.22,1962	3	2 10	30 20	2 5	Fresh	s D	Clay 18; blue clay 39; sand 43; limestone 58. Water at 57. Topsoil 2; red clay 10; sand clay 30; sand 42; soft grey rock 45. Water at 45.
Œ				H. McGregor		Sep.25,1962		10	15	4		מ	Topsoil 2; red clay 20; sand clay 40; sand 50; soft grey rock 60. Water at 60.
Œ				F.E. Gibbons	E.N.Hernandez	Jul. 5,1963		6	15	4		D	Sand 3; clay 44; sand clay stones 46; sandstone 48; brown limestone 49. Water from 48 to 49.
Œ				R. Champham	Lucier Well Drilling	Jul.20,1963	4	10	8	2	*	ם	Topsoil 2; red clay 20; blue clay 35; outckeand 49; soft grey rock 52. Water at 51.
œ				A. Hewson	S.A. Hutchins	Aug.17,1963	3	4	25	6		D	Sand 6; blue clay 25; sand 30; blue clay 50; sand 58; sandstone 62. Water at 62.
Œ				M.L. Quinlan	Lucier Well Drilling	Oct. 7,1963	3	10	10	3	•	D	Topsoil 2; red clay 25; quicks and 40; hardban 42; soft grev rock 48. Water at 46.
88				Dr.J. Want L. Day	S.A. Hutchins W.I.Hernandez	Oct.25,1963 Nov.12,1963		5	25 18	8	Sulphur Fresh	S D	Clay 15; blue clay 42; sandstone 47; limestone 65. Water at 65. Clay fill 1; sand 4; red clay 12; boulders clay 14; red clay 20; blue clay 35; hardone 40; sand 44; brawn rock 50%. Water at 50.
Con		lot	5	J.J. McCaffrey H. Reaure	S.A. Hutchins	Mar.10,1962 Sep.13,1963		6	20	3		D,S	Clay 10; blue clay 42; gravel 45; sandstone 53. Water at 53. Clay 20; blue clay 30; hardnen 34; sandstone 60. Dry hole.
Con	I	*	13	A. Martin T. Mickle	Lucier Well Drilling	Sep. 18, 1963 Nov. 14, 1960	3	5 15	25 16	8 12	Fresh	D,S	Clay 25; sand 35; gravel 36; shale 38. Water at 38. Topsoil 2; red clay 12; hlue clay 30; sand clay 30; gravel 40; soft limestone 42. Water at 41.
Con			15 18	A. Chouinard J. Pettypiece	S.A. Hutchins	Aug.30,1961 Jun.21,1961		3 5	50 15	12 3	:	D,s	Clay 18; blue clay 44; sandstone 58. Water at 58. Yellow clay 20; blue clay 29; sand 32; blue clay 40; hardown 43. Water at 43.
Con	II	*	24	W.J. Halstead	M.Hernandez&Sons	Aug.6, 1960	4	4	38	28	Sulphur	ם	Black soil 3; red clay 32; white clay 42; white limestone 58.
Con Con		*	29 32	H. Brush J. Sheprak	S.A. Hutchins D. Sundin	Aug.31,1961 Aug.27,1963		20	22 15	10 6	Fresh	D D	Yellow clay 18; blue clay 39; hardban 40; gravel 41. Water at 41. Yellow clay 15; blue clay 35; grey sand 42; shale gravel sand 43 Water at 43.
Con	IV	*	40	R. Bidsdale	S.A. Hutchins	May 6, 1961	3	4	25	25		D	Yellow clay 1°; bue clay 59; sand 60; sandstone 68. Water at 68.
Con		*	41 41	T. Deslippe A. Bridgen	:	Jul.14,196? Oct.15,1963		5	50 85	28 40	Sulphur	D D	Yellow clay 18; blue clay 45; sand 57; sandstone 60. Water at 60 Clay 15; blue clay 59; sandstone 72; grey limestone 110. Water at 106.
Con Con			42 42	J.E. Burns C. Borrowman	E.M.Hernandez	Oct.18,1961 Oct.31,1963		27	50 33	30 30	:	D,S	Yellow clay 18; blue clay 50; sand 56; sandstone 58. Water at 58. Topsoil 1; clay 58; sandstone 59; brown limestone 63. Water from 58 to 59; and at 62.
Con	IA	•	43	S. Dupont	M.Hernandez&Sons	Sep. 2,1961	7	15	40	26	resh	S	Topsoil i; clay 57; sandy clay 60; brown limestone 68. Water at 65.
Con Con		-	43 46	J. Collier F. Kirchner	S.A. Hutchins	May 28,1962 May 24,1960	3	4 21	50 70	30 27		D,S	Clay 15; blue clay 53; sand 62; sandstone 68. Water at 68. Clay 12; sand 15; blue clay 62; sand 65; sandstone 85. Water at 84.
Con Con Con	V		46 46 46	O. Amlin F. Deslippe L. Dent	:	May 25,1962 Jul.29,1963 Aug.14,1963	3.	3 4 3	80 50 75	50 30 30	:	D,s	Grey clay 22; sand 39; blue clay 72; limestone 93. Water at 93. Clay 15; blue clay 67; sand 72; sandstone 76. Water at 76. Clay 18; blue clay 42; sand 47; blue clay 63; sandstone 70;
Con			46	G. Dent		Oct. 3,1963		4	50	30	Sulphur	D	limestone 85. Water at 84. Clay 18; blue clay 15; and 50; blue clay 55; send 59; hardben 61; gravel 62. Water at 62.
Con Con Con	A A	*	52 52 53 54	Malden Twp. W. Miller J.E. McKenna	D. Sundin	Jun. 6,1966 Jul.20,1966 Aug. 5,1966 Jun. 7,1961	3	4 5 5	20 20 30	17 15 1	Fresh	P D D	relow clay 18; blue clay 65; hard rock 107. Dry hole. Yellow clay 18; blue clay 60; gravel 45. Water at 65. Clay 18; blue clay 65; hardnan 67; gravel 71. Water at 71. Yellow clay 10; blue clay 44; sand 49; grey shale 52; sand 53; grey limestone 100. Water from 80 to 100.

		COUNTY .		nt.	t.		- 1		Y I	1		1		
	Con		10		Ont.Dept.of	N.Hernandez&Sons	Jun.13,1960	8	150	68	7	Fresh	P	Loam 1; clay 68; grey limestone 86%. Water from 84 to 86%.
	Con			56 56	Ont.Dept.High-	:	Jul. 18,1961 Jul. 18,1961		5 10	45 50	2	:	P P	Topsoil 1; clay 51; sand 52; limestone 60. Water at 60. Topsoil 1; clay 30; sand 31; clay 52; sand 54; grey rock 57. Water at 57.
	Con Con			48 74	M. Deslippe A. Deslippe	S.A. Hutchins	Aug. 3,1963 Jul.12,1961		2 21	70 70	30 30	:	D,S	Clay 15; blue clay 65; sand 71; sandstone 82. Water at 79. Clay 22; blue clay 39; sand 43; blue clay 70; sand 72; sandstone 100; limestone 120. Water from 100 to 118.
	Con Con Con	VI			H. Deslippe R. Deslippe E. Bazaire	Lucier Well	Aug.24,1961 Apr. 4,1963 Aug.20,1963	3	4 4 5	65 50 60	30 30 20	•	D,S	Yellow clay 15;blue clay 68;sand 70;shele 72. Water at 72. Yellow clay 20;blue clay 68;herdban 70. Weter at 70. Topsoil 2;red clay 25;blue clay 60;hardban 68;soft grey rock
	Con	VI	•	76	N. Sunderland	Drilling S.A.Hutchins	Jun.19,1963	3	4	35	29	•	D,S	88. Water at 87. Clay 15; blue clay 48; sand 50; blue clay 55; gravel 63. Water
	Con	VII		59	S. Cincursk	D. Sundin	Jun.22,1961	3	36	25	2	•	D	st 63. Sand 5;black much 10;blue clay 25;stone 29;clay 43;stone 44;
	Con	AII		60	J. Menogue	Lucier Well	May 24,1960	3	2	50	20		D	clay 52;gravel clay 56;grey limestone 67. Water at 67. Topsoil 2;red clay 20;blue clay 60;sand clay 67;sort grey
	Con	VII	W	61	St.Allan's	Drilling M.Hernandez&Sons	Jun.14,196?	3	4	22	22	•	P	rock 90. Water at 90. Clay losm 1; yellow clay 25; blue clay 80; sandstone 82. Water
	Con	IIV		61	Church M.J.Jonston	Lucier Well	Jul.28,1962	b	6	46	15		D	from 80 to 82. Topsoil 2; red clay 20; blue clay 60; clay send 80; send 84;
	Con	VII		65	N. Anderson	Drilling D. Sundin	Nov.12,1960	6	10	60	25		D,S	so't grey rock 113. Water at 113. Pump pit 6; fine sand 9; blue clay 65; clay stones 82; shale
	Con			65	G. Bennett		May 8, 1961	4	21	60	42		ם	sand 86;grey limestone 86. Water at 89. Clay 95;shale 99; clay limestone 101;grey limestone 165;
13	Con	VII		81	B. Waters	M. dernandez&Sons	Dec. 1960	7	20	30	30		D,S	sandstone 175. Water from 110 to 175. Topsoil 1; clay 15; sand 17; blue clay 70; hardon 78; gravel
	Con	VIII		90	G. Greenham	•	Sep.12,1961	4	6	24	16	•	D	80; sandstone 82. Water from 78 to 80, and from 80 to 82. Black soil 2; grey clay 85; grey sand 88; grey gravel 93.
	Con	IX	100	100	J. Gardin	•	Nov.28,1961	3	3	75	18	Sulphur	ם	Water at 93. Losm liblue clay 90; grey rock 115. Water from 110 to 115.
1	laros	a Twp.												
	Con	1	lo	14 2	H. Derkson F. Moauro	M.Hernandez&Sons	Jan.13,1962 Jun.23,1961	8	2 <sup>1</sup> 19	60 90	18 48	Sulphur Fresh	D,S In	Blue clay 74; brown limestone 96. Water from 90 to 96. Light sand 45; grey clay 160; hardnen 200; grey limestone 205; gravel 210; Water at 205;
	Con	II	*	5	P. Pennunzio	M.Hernandez	Apr.23,1962	8	50	157	36	Sulphur	N	Yellow sand 2; grey sand 12; dark sand 28; grey clay 140; white limestone 190; black rock 250; white limestone 330. Water at
	Con	II	•	2	•	•	Apr.30,1962	8	100	80	35	Presh	Ir	330. Yellow sand 2:rod sand 12:grey sand 27:grey clay 95:gravel
	Con	II		3	P. Caccienillen: P. Mastroneroi	M.Hernandez&Sons	Apr.4, 1961	8	36	130	45	•	Ir	140;grey rock 160. Water at 140 and 160. Sand 45;blue clay 160;white limestone 165. Water from 160 to 165.
	Con	II	•	5	J. Toews	M.J. Williams	Jan.20,1960	8	33		0	•	In	Clay 50; herdpen 51; coarse sand gravel 60. Water from 51 to
	Con	III		1	B. Koop	M.Hernandez	Peb.11,1963	9			75		N	60. Yellow sand 3;gravel 22;grey clay 120;quicksand 152;white
	Con	III		1		•	Nov. 3,1963	8	14	150	65	•	Ir	
	Con Con	III	:	3	J. Cornish R. Mosuro	M.J. Williams M.Hernandez&Sons	Mer.15,1961 Sep.3, 1960	4 8	125	90	20	•	In	quicksand 154; white limestone 172; brown limestone 225. Water at 172, 198 and 225. Fine sand 126; white limestone 166. Dry hole. Tonsoil 1; sand 10; blue clay 35; outeksand 70; clay gravel 118; Brown limestone 135. Water at 133.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

-						COMPLETION	CASING	PUMP-	PUMP-		VIND OF	USE	Log and Remarks
Lo	CATIO	ON 1		OWNER	DRILLER	DATE	DIA- METER	ING TEST	ING LEVEL	STATIC LEVEL	KIND OF WATER		(Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY							e .						
Con III	-	lot	5	C. Berg	M.J. Williams	Sep.12,1960	3	61/2		Flows	Fresh	D	Blue clay 38; fine sand 63; grey limestone 71. Water from 38 to 63.
Con III			5	W. Willms	M. Hernandez	Jul.3, 1963	8	200	7	2		Ir	Black sand 3; clay sand 7; grey clay 45; coarse gravel 65. Water from 45 to 65.
Con III			5	J.M. Fernandes	•	Jul.23,1963	8	75	7	3	•	Ir	
Con III		*	6	J. Cervini	E, M. Hernandez	Apr. 5,1960	8	30	22	Flows	*	N	Topsoil 1; yellow quic's and 14; blue clay 70; sand 72; gravel 74; clay sand gravel 08. Water from 72 to 74.
Con III			6	•	•	May 4, 1960	8	10	60	•	*	N	Topsoil igwellow quicksend 14; blue clay 70; sand 74; gravel 75; sand gravel clay 100; shale 101; soft grey limestone 145; brown limestone 380; grey limestone 460; blue shale 480; hard brown limestone 505. Water from 72 to 73 and at 101.
Con III			6	•	M.Hernandez&Sons	Oct.1, 1960	8	15	52	Plows	•	In	
Con III			6	A, Sabelli	E.M.Hernandez	Jul.31,1963	9	15	70	13		In	
Con III			22 1	L. Seili O. Shorp	M.J. Williams	Sep.28,1963 Jan.10,1961	3	6	123 140	18 42	Sulphur Fresh	D,S In	Blue clay 110; brown limestone 123. Water at 123.
Con IV			1	S. Nickels	E.M.Hernandez	Jan.20,1961 Mar.24,1960	4	60	54	18	Sulphur	Ir	Gravel 20; sand 164; white limestone 170. Bry hole. Topsoil 1; quicksand 22; blue clay 95; sand 110; sand gravel
Con IV			4	H. Whittle	M.J. Williams	Jul.11,1960		7	15	0	Fresh	D	120; gravel 134; limestone 155. Water at 152. Blue clay 62; hardban 64; fine sand 78; coarse gravel. Water
н .			6	W. James		May 10,1960		'	-,				from 64 to 78. Clay 54; white limestone 68. Dry hole.
Can IV			6	W. CAMES	:	May 16,1960	3						Clay 54; white limestone 70. Dry hole.
Con IV Con IV			6	•		May 21,1960 May 31,1960	3				_		Clay 54; white limestone 69. Dry hole. Clay 54; white limeatone 73. Dry hole.
Con IV			6	J. Kellar	:	Jun.16,1960 Mar.21,1961	3	17	17	12	Fresh	D	Grey clay 72;grey limestone 80. Water at 80. Blue clay 37;grey shale 38. Water at 38.
Con IV			6	G. Foulon		Aug.15,1962	3	5 5 3	25 30 25	16		D	Blue clay 35; white limestone 42. Water at 36.
Con IV		•		B. Marchand	M. Hernandez&Sons					20		D	Fill 2; clay 36; sand 37; hard hardban 39; sand 41; hardban 43; gravel 44. Water from 43 to 44.
Con IV		*	6	H. Cunninghem	W. Hernandez	May 27,1963	3	2	25	22	•	D	Fill 2; clay 38; sand 40; rock 43; clay hardpan 43; gravel 451. Water from 43; to 45;.
Con IV		*	6	E. Coulter J. Belan	M.J. Williams	Nov. 9,1963 Nov.16,1960	3	12	30 25 25 25 60 65	12		D	Clay 76; grey limestone 83. Water at 83. Clay 77; limestone 86. Water at 86.
Con IV		*	7	W. Plum		Jul.29,1961	3	5	25	10		Ď	Blue clay 45; grey limestone 47. Water at 47.
Con IV Con IV		*	7 23	A. Symons H. Borland	S,H, Smith	May 15,1963 Aug. 21,1960	3 8	33	25	7		In	Blue clay 74; hardoan 77; sand. Water at 77. Brown hardoan 14; blue clay 100; gravel 104. Water at 100.
Con IV			23	n. Dolland	D,n, Omich	Aug.31,1960		23	65	14		In	Brown hardpan 14; blue clay 100; gravel 103. Water at 100.
Con IV			23	E.W. Seili		Sep. 4,1960	4	4	23	15	•	D,S	Topsoil 2; hardman 16; blue clay 101; gravel sand 104. Water at 101.
Con V			1 2	O. Sherp W. Willms	M.J. Williams	Jan. 26, 1961		20	10	-	Possel	ם	Gravel 20; sand 152; white limestone 180. Dry hole.
Con V Con V			2	L. Manchester	•	May 10,1961 Jun.10,1961	3	25 8	12 25	2	Fresh	ם	Blue clay 52; sand gravel 61. Water from 52 to 61. Blue clay 47; hardoan 52; gravel 58; hardoan. Water from 52 to 58.
Con V			4	P. Dick	M.Hernandez&Sons			36	25 76	5		D	Sand 1; clay 70; hordren 72; clay 100; grey limestone 136. Water from 130 to 136.
Con V Con V			6	J. Antel J. Lehn	M.J. Williams	Jan.31,1961 Mar. 8,1962	3	8 25	25 19	5		D D	Blue clay 78; hardnen 82; coarse gravel 83. Water at 82. Blue clay 90; sandy blue clay 97; soft grey limestone 102.
Con V			6	J. Muller	E.M.Hernandez	Jul.20,1963	5	10	20	3	*	D,S	Water at 102. Clay 90; coarse sand 98; brown limestone 105; Water from 103
Con V			7	C. Banyai	M.J. Williams	Nov. 1,1960	3	16	20	5		С	to 104. Clay 75; hardman, 79; gravel 84. Water at 79.

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	SEX COUNTY -													
1	Mersea Twp Con V Con V		nt. ot	7	D. Latem W. Pritcherd	M.J. Williams	Apr. 6,1961 Aug.15,1961	3	16 20	25 30	5	Fresh	D In	Blue clay 77;gravel 81. Water at 77. Blue clay 80;stone hardpan 86;grey limestone 101. Water at 88.
	Con V Con V			7	B. Wales R. Verspeelt	:	Nov. 9,1961 Oct. 2,1963	3	16 12	30 88	3	:	D D	Blue clay 90; sand hardban 111. Water at '''. Blue clay 80; stony hardban 96; brown limestone 88. Water at 88.
	Con V Con V Con V		## ##	15	T. Staudt W. Hall	A. Wilkinson M.J. Williams	May 21,1962 Feb.23,1961 Feb.25,1961	3	6	43 25 15	41 12	* Fresh	D,S D,S	Sand 20; blue clay 90; black shale 91. Water at 91. Blue clay 78; soft white limestone 93. Dry hole. Blue clay 78; white limestone 82. Water at 82.
	Con VI Con VI Con VI		**	3	H. Hutchins M. Ford D. Tatonir W. Koop	S.H. Smith M.J. Williams M.Hernandez&Sons	Aug.20,1960 Aug.15,1960 May 24,1963 Nov.1, 1960	3	12 5 33 2	15 10 120 130	Plows 0 1	:	D D N	Blue clay 70; sand 100; gravel sand 110. Water from 70 to 110. Topsoil 3; hardpen 13; blue clay 68; gravel 70. Water at 68. Blue clay 65; fine sand 119; gravel 170. Water from 65 to 120. Topsoil 1; sand 15; blue clay 100; ouicks and 115; fine sand clay
	Con VI			4	J.Koop Jr.		Oct.18,1961	7	25	163	6		D,Ir	130; limestone 190. Water at 140. Topsoil 1; sand 14; blue clay 70; sand clay 128; brown limestone
	Con VI Con VI		**	7	M. Kos	M.J. Williams	Feb.19,1960 Apr. 5,1963		17 17	20 129	5 7		D N	140; grey limestone 1941. Water from 182 to 187. Clay 97; hardban 115; limestone 128. Water at 125. Blue clay 105; stony hardban 114; hrown limestone 139. Water at 123.
	Con VI		m	13	J. Brown	S.H. Smith	Jan.15,1960	4			35		N	Sandy topsoil 12; blue clay 98; gravel hardpan 105; shale 122. Water from 98 to 105.
	Con VI Con VI		99	13 13	31 er	100 M	Peb. 2,1960 Mar. 2,1960							Blue clay 97;gravel hardban 104; shale 117. Dry hole. Brown hard clay 8; blue clay 100; hardban 107; hard brown rock 132. Dry hole.
115	Con VI Con VI Con VI Con VII		PT	13	C. Kuli S. Tolman F.Katzenberger E.Roadhouse	M.J. Williams A. Wilkinson M.J. Williams	Oct.14,1960 May 30,1962 Oct.25,1961 Jun.19,1963	3	1? 62 13	25 40 28	18 28 26	Fresh	In D D,S	Clay 95; hardban 100; limestone 101. Water at 101. Blue clay 95; hardban 100; grey limestone 1^3. Water at 102. Blue clay 94; black shale 99; gravel 101. Water at 99. Blue clay 65; fine sand 94; hardban sand 123; brown limestone
	Con VII		*	3			Jul.11,1963	3	25	94	0	Prësh	D	133. Dry hole. Blue clay 65; fine sand 93%; coarse gravel 64. Water from 93% to 94.
	Con VII			5	J.Koop	E.M.Hernandez	Mar.10,1960	8	70	18	Flows	*	Ir	Topsoil 1;send 6;blue clay 85;send 87;clay send 91;send 101; quicksend 110;grevel 117;limestone 156. Water from 110 to 117 and at 150.
	Con VII			6	L. Dawson	M.Hernandez&Sons	Pec. 28, 1960	3	6	38	22	•	D	Black soil 2; grey clay 40; dark clay 80; hardon 95; soft dark clay 102; grey limestone 105. Water at 105.
	Con VII	-	80	6	B. Brown	M.J. Williams	Aug. 3,1961	4	17	30	22	Sulphur	D	Blue clay 90; hardpan stones 113; grev limes one 143. Water from 140 to 143.
	⊙n VII	1	**		W. Wladarski	E.Hernandez	Jun,15,1962		2	70	12	Fresh	N	Topsoil 1; clay 90; sandy clay 93; fine sand 98. Water from 93 to 98.
	Con VII Con VII Con VII Con VII Con VII		eo eo	13	C. Robinson H. Driedger	M.J. Williams	Feb.20,1963 Feb.25,1963 Aug.1, 1960 Aug.1, 1960 Aug.12,1960	7 4 4	5	40 50	14		D D	Topsoil isblue clay 105; send clay 117. Water at 115. Topsoil 1; clay 105; brown limestone 117. Water at 115. Blue clay 108; grey limestone 140. Dry hole. Blue clay 108; grey limestone 123. Dry hole. Blue clay 109; grey limestone 118. Dry hole.
	Con VIII		**	18	J. Neufield M. Tiessen	E.M.Hernandez M.J. Williams	May 30,1962 Nov.17,1962	5	1 17	90 15	6	Salty Fresh	N In	Topsoil 1; clay 90; limestone 190. Water at 92. Blue clay 90; hardnen 95; fine sand 102; coarse gravel 103.
	Con VIII				P. Rauch		Mar.21,1963				4	*	N	Water from 95 to 103. Sandy topsoil 10; hlue clay 90; hardban sand clay 110. Water
	Con VIII	1	90	3	J. Rauch	E.M.Hernandez	Jul.12,1963	9	100	25	81		Ir	from 90 to 110. Sand 15; blue clay 96; hardran coarse stones gravel shale
	Con VIII		W	6	K. Bradford	M.S.Williams	Aug.26,1961	4	17	30	50		D	101;hard grey limestone 112. Water at 105. Blue clay 80;hardpan stones 115;grey limestone 123. Water at 123.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1	ÓWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	T.WWET.	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Mersea Twp Con VIII		M. Myers	M.J. Williams	Jun.25,1960	3	17	31	26	Sulphur	D,S	Grey clay 102; clay hardpen 108; grey limestone 110. Water at
Con IX Con IX Con IX	6 7 12 9	J. Hillier D. Gillanders L. Reid F. McKeen	:	Oct. 7,1961 Dec.14,1960 Sep. 6,1960 Jul. 9,1963	3	17 15 17 33	40 40 103	25 28 18 8	:	\$ 5 0,5 8	Blue clay 100; hardpan 103; coarse gravel 104. Water at 103. Clay 105; herdpan 109; limestone 110. Water at 107. Blue clay 97; grey limestone 99. Water at 99. Blue clay 92; gtony hardpan 1022; black shale 103. Water
Con XI Con XI Con XI TRN	" 11 " 15 " 21 " 223	A. McKeen A. Whittall W. Dales Watson's School	A. Wilkinson S.H. Smith	Jun.13,1961 Sep. 7,1961 Apr.21,1962 May 17,1960	3 4 4	33 17 21 3	25 40 75 28	12 20 25 23	Fresh	D,S D,S P	from 102% to 103. Blue clay 95;grey limestone 100. Water at 100. Blue clay 113;grey limestone 117. Water at 117. Blue clay 155;gravel hardman 161. Water at 161. Hard too brown clay 8;blue clay 97;hardman 105. Water at 105
TRN TRN TRN	* 228 * 232 * 233	E. Beiley K. Hall N. Chorba	M.J. Williams S.H. Smith	Apr.11,1961 Oct.19,1963 Mar.15,1961	3	8	25 80	10 15	Sulphur Fresh	D,S D,S	Blue clay 81;grey limestone 89. Water at 89. Blue clay 79;brown limestone 84. Water at 79%. Topsoil 2;ouicksand gravel 7;blue clay 88;hardoan 91. Dry
TRN	* 241	H. Beniuk	M. Hernandez	Jan.19,1961	8	50	2	Flows	Fresh	D,Ir	hole. Red clay loam 2;grey clay 66;hardpan 69;grey shale 72;gravel
TRS	. 555	H. Crozier	S.H. Smith	Jun.18,1960	4						80. Water from 72 to 80. Topsoil 2; yellow hardpan 14; blue clay 101; silty sand 104. Dry hole.
TRS	* 222	•	*	Jun.20,1961	4						Topsoil 1; brown hard soil 7; blue clay 97; hardpan 103. Dry
TRS TRS	* 223 * 226	B. Harris P.J. Dyck	D. Sundin M.Hernendez&Sons	Oct.19,1961 Feb.8, 1961	3 8	20 1	40 116	17 35	Fresh	D In	hole. Sandy soil 3; clay 94; hardpan 97; gravel sand 98. Water at 98. Topsoil 1; grey clay 97; grey limestone 119. Water from 97 to 98.
TRS	<b>231</b>	A.E. Bradley	S.H. Smith	May 31,1960	4						Top brown clay 8;blue clay 84;hardpan 89;dark limestone 105
TRS	<b>231</b>	•	•	Apr. 2,1961	4			40	Presh	N	Too clay 2; hard brown clay 9; blue clay 83; hardpan 86; silty sand 87; grey limestone 98. Water at 87.
TRS TRS TRS TRS	* 231 * 232 * 233 * 233	R. Tiessen G. Hotz W.G. Lacky	:	Jun.15,1961 Mar.16,1960 Apr.15,1960 Sep.24,1960	4	1 5 1	90 45	33 23 72	Fresh Sulphur	N D,S N	Topsoil 2; brown hardpan 12; blue clay 82; hardpan 91. Dry hole Top brown clay 8; blue clay 88; hardpan 93. Water at 93. Top brown clay 8; blue clay 84; hardpan 92. Water at 92. Top sandy loam 4; blue clay 90; hardpan 93; brown limestone
TRS TRS TRS	* 235 * 235 * 235	A. Haggith		Dec.24,1960 Dec.31,1960 Jun.30,1961	4 4	3	50	31	Fresh	D,S	109. Water at 107.  Brown sandy clay 6; blue clay 52; hardpan 58. Dry hole.  Brown sandy clay 5; blue clay 53; hardpan 58; rock. Dry hole.  Sandy clay 2; hard brown clay 10; blue clay 54; gravel sand 56;
TRS	* 241	F. Ingratts	M.Hernendez&Sons	Jen.10,1962	8	12	75	Plove	-	In	rock. Water from 54 to 56. Light yellow send 2; white send clay 6; quicksend 21; grey clay
TRS	* 241	•	•	Jun.15,1962	7	12	92		•	In	Rigrey sand 92; white limestone 160. Water at 92. Light sand 2; grey sand Rigrey clay 50; quicksand Rigrevel 92 white limestone 140. Water at 93.
Pelee Twp.	lot 4°	L.Ryersee	G. Evens	Oct.14,1960	7	2	90	8	Presh	D,S	Loam 10;grey limestone 90. Water at 70.
Rochester Twp. BRE Con I	lot 18	A. Marentette	M.J. Willioms	Jul.31,1963	3	15		5	Presh	D,S	Blue clay 100; sand 109; coarse grovel 110. Water at 109.

ESSEX COUNTY -						×					
Rochester Twp.	lot 18	W. Grahger	M.J. Williams	Aug.13,1963	3	8	106	5	Presh	D,S	Blue clay 100; fine sand 104; coarse sand 110; Water from 104 to 110.
BRE Con I BRE Con II	19 20	S. Chevallier J.& R.Dunn	Lucier Well Drilling	Aug.16,1963 Apr.11,1961	2	17 5	110 70	8 16	Sulphur	D,S D,S	Blue clay 110; hrown limestone 115; Water at 115. Topsoil 2; red clay 20; blue clay 40; sand clay 50; clay 70; sand 92; shale 93; hard grey rock 140. Water at 129.
BRE Con III	* 30 * 28	M. Casper S. Olson	D. Sundin M.J. Williams	Aug.22,1960 May 10,1963	3	3 11	60 114	16 5	Presh	D D	Clay 92; fine sand 109; grey limestone 114. Water at 114. Blue clay 92; fine sand 104; charse sand 114. Water from 92 to 114.
BRE Con V	* 17	C. Regnier	Johnston Bros.	Sep.15,1961	3	8	12	9	Sulphur	S	Yellow clay 12; blue clay 1021; send gravel 103; brown limestone 105. Water at 105.
BRE Con VI BRE Con VI BRE Con VII	25 30	M. Rivest B. Knight C. Glasser	M.J. Williams	Jul.1, 1960 Sep.19,1960 Jul. 6,1960	3	33 50	13	3 12		D,S	Blue clay 101; grev limestone 102. Water at 102. Blue clay 101; grev limestone 108. Water at 108. Blue clay 100; grey limestone 112. Dry hole.
BRE Con VII	* 27 2	S. Rhodes	H. LeClaire	Jul. 7,1960 Sep.26,1962	Ź	17 8	20 45	7	Fresh	D,S D,S	Plue clay 90; hardnen 94; coarse cravel 98. Water at 94. Plue clay 80; slity clay blue sand 125; grey sand silt 132; hard grey rock 14%. Fresh water from 125 to 132, sulphur
MRN	• 5	A. Dupus	M.J.Williams	Jun. 8,1961	3	17	25	8	٠	P	at 140. Blue clay 10°; hardpen send 117; hardpan. Water from 108 to
MRS	* 8	G. Mulhall	•	May 27,1961	3	17	25	8	Sulphur	s	117. Blye clay 110;grey limestone 112. Water at 112.
Sandwich East	Two.										
Con II	lot128	Little River Country & Golf Club	M.Hernandez	Jul. 5,1963	7	10	5	Plows	Sulphur	P	Clay loam 3;grey clay 112;hordren 115. Water at 115.
on III	* 110		Lucier Well Drilling	Sep.15,1960	4						Topsoil 3; red clay 28; blue clay 110; grey sand 130; soft grey rock 191. "ry hole.
Con III	<b>1</b> 36	A. Schertzer	211111111111111111111111111111111111111	Nov.16,1962	3	10	25	10	Fresh	D,S	Topsoil 2; red clay 20; blue clay 90; clay sand 115; sand 120; soft grey rock 130. Water st 130.
Sandwich South			Tours Wall	W 16 1060	16.	,					
Con V	lot i	Dr.A. Thomas	Lucier Well Drilling	May 16,1960	4	6	22	12	Sulphur		Topsoil 2; red clay 20; blue clay 60; clay sand 82; soft grey rock 115. Water at 100.
Con V	* 2	C. Young		Jul. 1,1961	4	5	65	12	Fresh	D,S	Topsoil 2; red clay 20; blue clay 75; coarse gravel 80. Water at 80.
Con V	* 7	C. Thompson	D. Sundin	Oct.24,1963	3	4	40	29	•	D	Yellow clay 10; blue clay 110; sand 112; shale sand 113. Water at 113.
Con V	* 7	W.L. Wright		Nov. 6,1963	4	5	45	33	•	ם	Clay topsoil 2; yellow clay 10; blue claw 100; clay sand 113; gravel 116. Water at 116.
Con VII	- 4	H. Shuel	Lucier Well Drilling	Sep.27,1960	3	4	40	29		מ	Tousoil 3; red clay 19; blue clay 67; send clay 90; sand 92; soft limestone 105. Water at 105.
Con VII	- 4		D. Sundin	Sep.21,1961	3	4	40	27	-	D	Clay 104; hardown 105; sand gravel 106; grey limestone. Water
Con VII	• 13	A. Lauzon	Lucier Well	Sep. 1,1960	4						et 106. Topsoil 3; red clay 17: blue clay 58; clay pebbles 63. Dry
Con VII	<b>1</b> 3	•	Drilling	Sep. 2,1960	4	7	35	33	Presh	ם	hole. Topsoil 3; red clay 40; hlue clay 63; soft grey rock 83. Water
Con VII	• 13	P. Doorigen	S. Gilbert	Jun. 8,1962	4	8	43	38		D	at 83. Blue clay 112; clay gravel 115; medium sand 120; gravel 126;
Con VII	* 15	F. Lyons	D. Sundin	Mar.14,1960	3	13	100	35	Sulphur	D	hard grey limestone 130. Water at 130. Black tonanil 1; yellow clay 12; blue clay 80; clay fine sand 137; clay sand hardnan 162; clay stones 167; grey limestone 205;
Con VIII	* 12	Facca Const.	Lucier Well Drilling	Nov. 7,1960	4	6	50	15	•	D	hard grey limestone 213. Weter at 210. Topsoil 3; red clay 20; blue clay 20; clay gravel 100; gravel 107. Weter at 107.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	T.EVET.	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SEX COUNTY -	cont.								-		
andwich South Con VIII	Twp.cont lot 12	A. Menko	Lucier Well Drilling	Sep.1°,1963	4	5	60	35	Fresh	D	Topsoil 2; red clay 20; hlue clay 70; hardoon 72; clay sand gravel 94; hard witte rock 97. Water at 96.
Con VIII	* 15	E. Robinson	-111111	Oct. 1,1960	3	10	27	12	**	D	Topsoil ?; red clay 20; blue clay 100; sand 114; soft grey rock 116. Water at 115.
Con VIII	<b>"</b> 15	W. Browne	*	Oct. 7,1960	3	4	65	20	Sulphur	מ	Topsoil 2; red clay 20; blue clay 90; quicksand 112; sand 118; soft grey rock 137. Water at 130.
Con VIII	<b>"</b> 15	G. Weir	"	Oct.18,1960	4	10	45	20	Fresh	פ	Topsoil 2; red clay 20; blue clay 100; sand clay 126; sand 128; soft grey rock 131. Water at 130.
Con IX	* 3	G. Nash	S. Gilbert	May 27,1961	3	10	39	35	4	D	Topsoil 1; brown clay 38; gravel brown clay 58; gray clay 83; gravel 90; hard gray granite 92. Water at 85 and 92.
Con IX	14	H. Adems	E.M. Hernandez	May 28,1963	5	5	35	24		D,S	Topsoil 1; clay 90; sandy clay 101; brown limestone 103. Water
Con IX	m 14	H. Washbrook	Lucier Well	Jun. 1,1960	4	2	100	20	Sulphur	D	at 102. Topoil 2;red clay 25;blue clay 85;clay sond 125;soft grey
Con X Con X	" 3 " 3	R. Ferough P.H. Collins	Drilling Johnson Bros. Lucier Well Drilling	Apr.12,1960 May 8, 1961	4	8	50 20	38 15	Fresh	D,S	rock 155. Water at 151. Yellow clay 10; blue clay 88; gravel 103; shale 104. Water at Topsoil 2; red clay 20; blue clay 65; sand gravel 76; soft gre rock 100. Water at 100.
Con X	" 12	W. McCarthy	ori i i i i i	Feb. 5,1963	3	4	30	20	**	D,S	Topsoil 2; red clay 20; blue clay 70; outcksand 120; sand grave 125; soft grey rock 135. Water at 135.
Con XII	" 13	Sherwood Forest	M.Hernandez & Sons	Oct.25,1961	7	30	20	16	Sulphur	P	Black soil 2; grey clay 114; gravel 116; soapstone 157. Water at 157.
CRN	<b>293</b>	Maidstone SeparateSchool	Johnston Bros.	Mar.26,1960	4	6	38	34	Fresh	P	Yellow clay 10; soft blue clay 100; hard blue clay 107; gravel sand 1133; brown limestone 120. Water at 120.
TRN	* 293	N. Cloutier	S. Gilbert	Dec.28,1962	3						Topsoil 1; blue clay 75; clay gravel 87; fine gravel 95; fine
CRN	* 293	"	n	Jun. 6,1963							send 107; grey granite 111; soft limestone 136. Dry hole. Torsoil 1; blue clay 18; clay gravel 81; fine gravel 95; fine sand 110; soft limestone 141. Dry hole.
CRN	* 293	A. Hunequ	Lucier Well	Nov.16,1963	4	5	65	35	Sulphur	מ	Sand 110; soft limestone 141. Dry noise. Tonsoil 2; red clay 20; blue clay 100; hardpan 115; sand 120; soft grey rock 154. Water at 154.
CRN	* 294	E. Markham	Drilling S. Gilbert	May 10,1962	3	9	42	35	*	D	Tonsoil 1; houe clay 102; houe clay gravel 104; shale 108.
CRN	* 295	R.C. Flood	"	Aug.26,1961	3	9	35	30	Fresh	D	Water at 108. Blue clay 90; clay and 105; fine gravel 111; coarse gravel 11
rrn	* 295	E. Biethem	Lucier Well Drilling	Sep. 7,1963	3	5	50	35	*	D	soft grey limestone 119. Water at 114 and 119. Topsoil 2; red clay 25; blue clay 70; gravel clay 75; blue clay 100; hardnen 107; sand 108; soft grey rock 111. Water at 110.
rn	" 393	Sandwich South		Feb.22,1960	4	8	37	37		P	Yellow clay a; hlue clay 109; sand gravel 1124; hr wn limestor
rn	<b>"</b> 303	School Area D.K.Borrowman	M.Hernondez&Sons	May 22,1961	7	15	39	38		D	119. Water at 119. Topsoil 1; yellow clay 8; blue clay 126; medium coarse sand 12
rrn	* 303	G. Shepley	E.M.Hernondez	Jun.12,1963	5	73	47	44		С	brown limestone 1374. Water at 135. Topsell 1; clay 65; nuicksand 75; blue clay 120; hardnan small pebbles 128; sand clay 130; brown limestone 132. Water from
rrn	<b>"</b> 303	R. Brumm	S. Gilbert	Jul.11,1963	3	12	43	37		D	131 to 132. Clay 82; clay gravel 89; gravel 104; coarse cand 115; fine san
TRN	" 303	Twp.Sandwich	**	Nov.12,1963	4	7	49	39	**	P	126;grev limestone 141. Water at 141. Sand 1;blue clay 72;clay gravel 83;blue clay 101;coarse
CRN	* 304	South R.Thompson	Lucier Well	Apr.12,1960	4	10	50	38		D	gravel 113; sand 118; fine sand 125; soft rock 126. Water at Topsoil 2; yellow clay 20; blue clay 120; clay sand 126; gravel
rrn	* 304	B. Pettypiece	Drilling E.M.Hernandez	Mer.13,1963	7	10	40	37		D	sand 133; grey rock 137. Water at 133. Topsoil 1; clay 127; sandy clay 129; brown limestone 150. Water
RS	* 293	C. Hass	Lucier Well	Oct.21,1960	4	4	65	30	Sulphur	D	at 145. Toncoll 3; red clay 19; blue clay 89; sand perbles 98; sand 108
198	" 293	K. Anfer	Drilling E.M.Hernandez	Oct. 7,1961	7	20	90	38		D	soft grey rock 122. Water at 116. Topsoil 1; yellow clay 8; blue clay 60; sandy clay 67; blue clay 118; sand 121; grey limestone 145. Water at 142.

I	ESSEX COUNTY - Sandwich West	cont Twp.				i		I	Î	ı	1 1	ſ	1
	LC Con IV	lot	1	R.MacDonald	Lucier Well Drilling	Sep.22,1960	4	12	20	15	Fresh	D	Topsoil 3; yellow sand 5; red clay 17; blue clay 98; clay sand 106; soft erey rock 111. Water at 110.
	LC Con IV		2	G. Dessairo	*	Jun.15,1960	4	20	25	10		D	Topsoil 2; red clay 20; blue clay 80; send clay 103. Water at 103.
	PC Con I	*	8	W.J.Ungnade	M.Hernandez&Sons	Nov.27,1960	4	10	9	4	Sulphur	D	Topsoil 1; yellow clay 8; blue clay 58; sand 60; sandstone limestone 6; limestone 80. Weter from 64 to 65.
	PC Con II	×	19	H. Girerd	Lucier Well Drilling	May 29,1963	4	3	75	1	w	D,S	Topsoil 2; red clay 20; blue clay 70; clay gravel sand P0; soft grey rock 98. Water at 97.
	PC Con II		25	I. Mogyorody		Nov. 9,1963	3	10	18	0		D,S	Topsoil 2; red clay 18; blue clay 40; sand 60; hardban 70; soft grey rock 85. Water at 85.
	PC Con II	*	36	J. Hirth		Dec. 4,1963	4	10	10	1		D,S	Topsoil 2; red clay 20; blue clay 90; fine gravel 97; soft grey rock 100. Water at 100.
	PC Con IV		6	F. Stratik		Jun.11,1963	4	5	35	10	*	D,S	Tobsoil 2; red clay 15; blue clay 70; clay grovel 84; soft grey rock 88. Water at 88.
	PC Con IV	**	8	J. Ackley	S. Gilbert	Jul.18,1963	3	15	19	15		D,S	Blue clay 62; gravel 70; fine sand 82; soft grey limestone 84.
	Tilbury North Con III		20	L.Meredith &	D. Lecuyer	Oct. 3,1961	4	3	95	6	Selty	D	Gravel pebbles 118; gravel sand 128; scapstone 130. Water at
	Con IV		10	W. Taylor D. McClounies	H. LeClaire	Apr.10,1961	4	5	30	15	Sulphur	D,S	124. Topsoil 2;hard blue clay 85;hardban sand 116;sand gravel 121;hard grey limestone 128g. Water from 116 to 121 and at
119	Con IV		16	C. Warnock	S.H. Smith	Apr.21,1961	5	1	52	13	Fresh	D,S	127. Topsoil ?:herd brown cley 10;hlue cley 119;herdban 123;sand
	Con IX	19	18	Tilbury School	M.J. Williams	May 5,1961	3	7	142	10	Sulphur	N	gravel 1232. Water at 123. Blue clay 130; gravel hardpan 135; scapstone 142. Water at 132.
	Con IX		18	Area	п	Jun.30,1961	3	7	160	10	10	N	Blue clay 130; hardpan gravel 135; soapstone 160. Water at 132.
	m	No.											
	Tilbury West T Con V		15	H. Rowson	H. LeClaire	Jul.13,1961	4	10		21	Sulphur	In	Topsoil 2; brown herdoan 15; blue claw 120; coarse sand gravel 125; hard grey limestone 135. Water from 120 to 125 and at 134.
	Con VII	*	2	D. Bonneau	S. Gilbert	Sep.18,1961	3	9	22	20		D	Black soil liblue clay 110; blue clay gravel 115; coarse gravel 116; fine sand 117; soft grey limestone 1198. Water at 115 and 1194.
	Con IX	**	7	G. Metz	M.J. Williams H. LeSlaire	Aug.31,1961	3	17	30 15	15		S D.S	Blue clay 120;dark grey limestone 123, Water at 123. Blue clay 114;stony gravel sand 120;dark grey limestone 122.
	Con X		7	A. Bucken Staples	M.J.Williams	Aug.13,1962 Aug.26,1960	3		20	12		P.	Water from 114 to 12C and at 121. Blue clay 98; hardoan 103; grey limestone 110. Water at 110.
	Con XI			CatholicSchool	H.LeClaire	Sep.15,1960	) Ii	25 5	15	12	Fresh	P	Blue clay 97; coarse sand 102; grey shale 109. Water at 97.
	Con XI Con XI		1 2	A. Trembly M. Foster	M.J. Williams	Jun.21,1963 Apr.3, 1961	3	17	101	8	Sulphur	D,S	Blue clay 97; hardpan 100; black shale 101. Water at 101. Blue clay 99; grey shale 103. Water at 99.
	Con XI Con XI	**	2	H. Deitrich P. Trepanier	*	May 19,1961 Nov.23,1963	3	25 33 20	30	12 16	Fresh Sulphur	D	Blue clay 101; grey limestone 102. Water at 102. Blue clay 91; grey limestone 95. Water at 95.
	Con XI Con XI		9	E. Goslin D. Whitthel	S.H. Smith	Apr.22,1960 Dec.15,1960	3 5	10	31	21 18	Fresh	D,S	Clay 105; hardnen 110; grey limestone 119. Water at 119. Top sandy clay 4; blue clay 147; hardnan 154; loose limestone
	MRN		9	H. Cranston	M.J.Williams	Jan.27,1961	4	17	40	28	Sulphur	,	gravel. Water at 154. Blue clay 128;grevel 129;grey limestone 153. Water at 128.
	MRS MRS		2 5	M. Gagnier Ont.Dept. Highways	W W	Dec.15,1962 Sep.30,1962	3	30	30	12 28		S	Clay 128; herdoen 129; grey limestone 131. Water at 131. Blue clay 130; arey limestone 132. Water at 132.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T.FUET.	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SSEX COUNTY - Tilbury West T MRS	WDCO	ont.	J. Rowson	H. LeChaire	Nov.18,1963	4	7		15	Fresh	D,S	Topsoil 2; blue clay 117; sand 122; black shale 130; hard grey rock 139. Water at 117 and 135.
REY COUNTY Artemesia Twp. Con IV	lot		B. Irwin	Pratt Bros.	Feb.12,1962	4	4	112	111	Fresh	D,S	Old well 35;herdpen 134;grevel 135. Water at 135.
Con VII		9 32	T. Wade J. Porteous	G. Blakely	Jul.10,1963 Sep.16,1962	4	7 2	99 24	98 22		D,S D,S	Sand gravel 28; hardpan 175; gravel 126. Water at 126. Yellow clay small stones 5; hardpan 16; limestone 30. Water at 25.
Con VIII	* ;	29	R. Hawkins	Abercrombie & Jackson	Mar. 1,1961	61	7	32	30	•	D,S	Tonsoil 2; brown clay stones 29; hard brown limestone 70; light brown limestone 85; medium brown limestone 100. Water from 90 to 100.
Con VIII	*	34	W. Clark	Pratt Bros	May 24,1962	4	7	55	20	•	D.	Clay stones 30; sandv hardban 69; brown rock 71; brown limestone 97. Water at 97.
Con IX	<b>*</b>	20	F. Morrissey	M.S. Bellerby	Sep.1, 1940	4	11		24		D,S	Old well 16; sand gravel 100; loose limestone gravel. Water from 24 to 100.
Con IX	* :	27	P.W. McCarthy	Durham Drillers	Apr. 5,1963	4	18	50	40	•	D	Topsoil 4; gravel boulders 20; sandy clay 40; sand 45; white rock 108. Water at 100 and 106.
Con X	*	26	C. Williams	Pratt Bros.	Sep.20,1962	4	5	68	48		ם	Clay boulders 30; cream loose rock 46; white cream limestone 133. Water at 50 and 132.
Con X	* 1	28	P.R.M.Dev,Ltd.	*	Jul.15,1960	4	6	75	23	•	D	Previously drilled 33; white limestone 120; blue limestone 136 Water at 127.
Con X		28 17	C. Hogg G. Kuntz		Jul.18,1961 Apr.30,1961	4 5	6	29 13	21 13	:	D D,S	Old well 20; creem limestone 48; brown shale 511. Water at 47. Brown clay 13; brown limestone 42. Water at 41.
Con XI			D. Parker	A. Loucks	Dec, 21, 1962	4	8	45	35	*	D,S	Brown clay gravel boulders 34; grey limestone 64. Water from 58 to 64.
Con XI		21 27	H.L. Hoefmans P. Metcalfe	Prett Bros.	May 13,1963 Aug.10,1960	4	10 5	35 38	22 38	Sulphur	D,S D	Red clay boulders 48; white limestone 77. Water from 65 to 77. Clay large boulders 50; brown shaly limestone 55; brown limestone 59. Water at 59.
Con XI Con XI		27 27	G.W. Gout J.K. Clark	:	Jul. 5,1962 Jul.12,1962	4	5 7	63 26	58 24	Presh	D D	Clay boulders 38; red silt 65; brown limestone 70. Water at 70. Clay hardpan boulders 52; shaly rock 55; brown limestone 61. Water at 61.
Con XIII		20	G. Mathewson H. Mercer	A. Loucks Durham Drillers	May 15,1963 May 22,1962	4	12 7	10	2		D D	Gravel stones 13; limestone 44. Water at 40. White limestone 67. Water at 65.
Con XIV			N.E. Lane	Abercrombie & Jackson	Mar.13,1963	63	4	60	57 59		Ď	Gravel stone 7; limestone 70; brown rock 80. Water at 80.
Con XIV		22	G.R.Robertson M. Leishman	M.S. Bellerby	Mar. 23,1963	63	4 5	51 45	25 41	:	D D	Topsoil stone 6; limestone 60; brown rock 71. Water at 71. Hard bink claw 5; white limestone 61. Water at 60.
Con XIV DRN Con I		27	R. Ward H.J. Duxbury	A. Loucks Durham Drillers	Aug. 5,1963 Oct.24,1963 May 10,1961	4	5 8 10	97 75	92 56		D,S	Gravel boulders 24; white limestone 122. Water from 110 to 122 Topsoil 4:gravelly hardpan boulders 48; coarse sand gravel 95;
DRN Con I			J. Whyte		Apr.29,1961	4	4	75	40		D.S	hardpan 162; coarse sand gravel 178; gravel 181. Water at 178. Topsoil 4; sand 40; sand gravel 70; fine sand 112; sand gravel
DRN Con I			J. Richie	Pratt Bros	Peb.22,1960	4	6	40	35		D.S	168; limestone 201. Water at 197.  Old well 43; clay boulders 65; quicksand 66; clay hardban 180;
DRN Con II		21	H. Best	•	Nov.21,1963	4	6	68	67		D,S	grevel. Water at 180. Grevel 18; herdpen 97; gravel 98. Water at 98.
DRN Con II			Ont.Dept. of Public Works	D.S. Lougheed	Apr.18,1963	10	105	100	51	*	ř	Topsoil i; clay gravel silt 40; silt clay 62; boulders clay 150; limestone 169; grey limestone 380; white hard limestone 383. Water from 168 to 380.
DRN Con II	*	78	R. Blakey	G. Blakey	Oct.22,1962	4	3	50	20		D,S	Fill 10; boulders clay 40; shale quicksand 70; brown clay 82; gravel sand 85; white limestone 94. Water at 88 and 92.
DRN Con III	•	17	H. Tucker	Pratt Bros	Nov.21,1961	4	5	76	75	Sulphur	D,S	Old well 40; grey hardpan 162; white limestone 173. Water at 173.

Artemesia Twp cont.  DES Con I lot 1  DES Con I   lot 1   J. Whyte   Durham Drillers   Apr. 5,1962   4   4   60   30   Fresh   D   Topsoil 2; sand gravel stones 180; white 1: from 180 to 204.  DES Con I   1   J. McDougall   Pratt Bros.   May. 9,1962   4   6   48   47   D   Gravel 6; sand 54; hardpan 175; gravel 176.  DES Con I   31   L. Meads   Durham Drillers   Apr. 5,1962   4   6   48   47   D   D.S   Apr. 26,1963   4   6   45   30   D.S    SRE Con II   165   E. Blackburn   Pratt Bros.   Cot. 26,1963   4   8   32   21   D.S   Cot. 21; hardpan houlders 55; gravel quicksant limestone 232. Water at 231.  SRE Con III   116   C.J. Foster   A. Loucks   Jun. 21,1961   4   5   34   27   D   D.S   Cot. 20; hardpan houlders 20; sand 35; soft white limestone 134. Water at 134.  SRE Con I   133   Ont. Dept.   Durham Drillers   Mar. 19,1963   4   8   16   16   D.S   Gravel 15; sand 45; quicksand 95; gray rock. Water at 35 and 55.  SRW Con I   190   V. Buria   R.H. Gadke   Jun. 15,1961   4   6   20   14   D   Dulders hardpan 55; loose limestone 60; hardpan 175; gravel sand 180; white limestone	
DES Con I	limestone 204, Water
SRE Con II "165 E. Blackburn Pratt Bros. Oct.26,1963 4 8 32 21 " D,S Old well 21; white limestone 80. Water from Clay hardpan houlders 55; gravel quicksand limestone 134. Water at 134.  SRE Con III "116 C.J. Foster A. Loucks Jun.21,1961 4 5 34 27 " D Stones brown clay 30; soft white limestone 134. Water at 134.  SRE Con I "133 Ont. Dept. Durham Drillers Mar.19,1963 4 30 16 8 " P Topscil 4; gravel houlders 20; sand 35; soft gravel 15; sand 45; quicksand 95; gravel 55; sand 55.  SRW Con I "190 V. Buria R.H. Gadke Jun.15,1961 4 6 20 14 " D Boulders hardpan 55; loose limestone 60; how sales and 55.  SRW Con II "150 J. Whitteker Pratt Bros. Aug.27,1960 4 5 30 27 " D Red Clay 15; sand hardpan 87; gravel sand	
SRE Con III " 116 C.J. Foster A. Loucks Jun.21,1961 4 5 34 27 " D Stones brown clay 30; soft white limestone to 64.  SRE Con I " 133 Ont.Dept. Highways  SRW Con I " 155 E.D. Bentham Pratt Bros. Apr.26,1962 4 8 16 16 " D,S Gravel 15; sand 45; quicks and 95; grey hard: limestone 144, Water at 144.  SRW Con I " 190 V. Buria R.H. Gadke Jun.15,1961 4 6 20 14 " D Boulders hardpen 55; loose limestone 60; https://www.new.apr.26.1962 4 5 30 27 " D Red Clay 15; sand hardpen 87; gravel sand 98.	
SRE Con I "133 Ont.Dept. Highways SRW Con I "155 E.D. Bentham Pratt Bros. Apr.26,1962 4 8 16 16 " D.S Gravel 15; sand 45; grey rock. Water at 35 and 55. SRW Con I "190 V. Buria R.H. Gadke Jun.15,1961 4 6 20 14 " D Boulders herdpan 55; loose limestone 60; h. SRW Con II "150 J. Whitteker Pratt Bros. Aug.27,1960 4 5 30 27 " D Red Clay 15; sand 47; gravel sand 55.	ne 64. Water from 45
SEW Con I "155 E.D. Bentham Pratt Bros. Apr.26,1962 4 8 16 16 " D,S Gravel 15; sand 45; quicksand 95; grey hard limestone 144. Water at 144. SEW Con I "190 V. Buria R.H. Gadke Jun.15,1961 4 6 20 14 " D Boulders hardpan 55; loose 11 mestone 60; h. SEW Con II "150 J. Whitteker Pratt Bros. Aug.27,1960 4 5 30 27 " D Red Clay 15; sandy hardpan 87; gravel sand	ft grey rock 60;hard
SRW Con I "190 V. Buria R.H. Gadke Jun.15,1961 4 6 20 14 " D Boulders hardpan 55; loose limestone 60; h SRW Con II "150 J. Whitteker Prett Bros. Aug.27,1960 4 5 30 27 " D Red Clay 15; sandy hardpan 87; gravel sand	doan 117; loose brown
SRW Con II " 150 J. Whittaker   Prett Bros.   Aug.27,1960 4   5   30   27   "   D   Red clay 15; sandy hardpan 87; gravel sand	hard grey limestone
	d 90; hrown limestone
SRW Con II "190 P.Usrann "190 La Beker "190 A. Beker "190 La Betts "190	ter at 64.
SRW Con III "144 G. Croft Pratt Bros. Dec.31,1963 4 7 20 20 " D.S Sand 72; brown limestone 105. Water at 10 SRW Con III "150 E. Ostander " Mar. 1,1961 4 5 80 80 " D Sand gravel 35; sand 95; hardpan 130; gravel SRW Con III "150 C.P.Railway " May 17,1961 4 5 60 33 " D Stony clay 70; clay hardpan 129; brown limestone 130; gravel 35; sand 72; brown limestone 129; brown limestone 130; gravel 35; sand 32; brown limestone 129; brown	el. Water at 130.
SRW Con III "151 R. Sutter " May 25, 1961 4 5 31 31 " D from 160 to 180. Clay boulders 60; quicksend 61; hardren 91 SRW Con III "151 R. Steel " Jun.14,1962 4 6 93 87 " D Gravel 35; sand 110; hardren 160; white lim	
SRW Con III " 159 M. Gassenbeek M.S. Bellerby Aug.15,1963 4 3 65 56 " D.S Previously drilled 130;silt send gravel 130 to 166.	166. Water from
Bentinck Twp. Con IV lot 10 B. Bender L.H. Weirmier Oct. 4,1960 4 32 75 24 Sulphur D.S Sand stones 15; stones hardpan 85; hardpan shale rock sand gravel clay 210; brown rock 223. Water et 223.	
Con IV " 27 A. Schmidt Durham Drillers Aug. 20, 1963 4 20 30 23 Fresh D,S Open hole 25; clay fine gravel 31; grey ro 35 to 50.	ock 64. Water from
Con V 19 Redford Bros. L.H. Weirmier Jul,19,1960 4 4 60 30 Sulphur D,S Sand stones clay 20; yellow sand 50; grave small stones 80; sand gravel 85; gray rock 114.	el sand 55;sand k 114. Water at
Con V " 26 R. Kannike Durham Drillers Jul.14,1962 4 8 15 10 Fresh D Topsoil 2;gravel stones 22;white limesto:	one 70. Water from
Con V "29 G. Hookins " Aug.26,1963 4 15 40 35 " D,S Topsoil 2; gravel boulders 20; fine sand g white limestone 90. Water at 90.	gravel stones 40;
Con VI "29 W. Szilassy " Dec.13,1961 4 10 100 80 " D,S Topsoil 3;hardban boulders 50; gravel 90; limestone 208, Water from 180 to 205.	;hardpan 140;white
Con IX " 17 0. Unruh " Jun.24,1963 4 10 40 30 " D,S Open hole 45; hardpan 65; cemented gravel clay gravel 114; brown limestone 148. Wat	82; hardpan clay 107; ter from 136 to 144
Con XI " 17 J. Copp " Mar.28,1961 4 10 55 45 " D,S Old well 48; sand gravel 90; brown limesto On XI " 25 R.J. Stroud A. Loucks Nov.22,1962 4 5 20 10 " D,S Old well 48; sand gravel boulders 60; brown lime 7 to 80.	one 134. Water at 130.
Con XIV " 26 G. Hagy L.H. Weirmier May 21,1960 4 12 8 8 " D,S Grevel clay 25; sand gravel 45; clay sand 75. Water at 75.	gravel 72; grey rock

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

_	LOCAT	ION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY -											
	n XV		D. Cargill	L.H. Weirmier	May 10,1960	4	4	20	10	Presh	D,S	Stones clay 15; sand stones gravel 66; brown grey rock 73. Water at 73.
DRI	N Con I	* 14	G. Black	Durham Drillers	Mar.23,1962	4	15	45	30	Sulphur	P	Sand 20; boulders gravel 45; clay 80; sand gravel 110; clay 125; blue shale 136; blue shale rock 168. Water from 150 to 162.
DRI	N Con I	<b>"</b> 18	Farmers Allied Meat Ent.	×	Jul.18,1963	4	12		Plows	*	N	Topsoil 6;gravel 10;boulders 30;soft grey clay 40;hard stony grey clay 60;hard grey clay 80;sand clay 85;quicksand 87;gravel 96;brown shale 100. Water at 96 and 100.
DRI	N Con I	* 51	I. Reay		Nov. 1,1961	4	10	60	55	Presh	D,S	Old well 4; clay 90; sand gravel 100; clay stones 173; brown rock 213. Water at 210.
DRI	N Con II	* 18	J. Jones	*	Aug.20,1961	4	10	30	25	•	D,S	Topsoil 1;sand 40;brown clay 50;fine sand 115;brown clay 135;gravel coarse sand 152;fine sand 162;brown limestone 190:gray limestone 204.
DRI	N Con II	* 53	D. Reay	•	Oct.18,1963	4	17	20	12		D,S	Old well 28; clay 40; sand 50; clay hardpan 67; hard rock 69; coarse gravel 70. Water at 69.
DRI	N Con III	* 3	E. Weppler	*	Nov.24,1961	4	19	20	14	*	D,S	Old well 15; sand 28; gravel 50; herd gravel 115; grey limestone
DRI	N Con III	* 49	R. Hoopper	i <del>a</del>	Nov. 7,1963	4	5	55	45		D,S	Old well 40; clay 65; sand 110; cemented gravel 122; grey rock 150. Water at 140.
DRI	N Con III	* 55	E. Reay	Ħ	Jan.18,1963	4	10	100	50	•		Old well 22; sand boulders 35; yellow sand 100; sandy clay 110; sand 140; fine gravel 145; sand 149; white rock 210; brown shale
	N Con III	• 60	W. Harris		Jun.26,1963	4	15	40	38	*	D,S	232. Water at 150, 200, and 225, old well 40; sand 45; gravel 55; brown limestone 88. Water from 80 to 85.
DR	S Con I	* 2	L. Carmount		Jul.18,1962	4	15	45	35	*	D	Topsoil 1; sand 15; gravel 30; clay 95; gravel 101; brown limestone 107. Water at 105.
	S Con I S Con I	* 2P * 52	L. Young C. Lynn	Pratt Bros.	May 25,1960 Nov. 6,1963	4	6 7	59 39	57 38	Sulphur Fresh	D,S	Clay boulders 50; blue clay 125; clay hardpan 133; gravel 134. *
DR	S Con I	• 64	C. Trafford	Durham Drillers	Apr.15,1961	4	10	55	45		D,S	Topsoil 4; hardban boulders 45; marl 70; gravelly hardban 92; blue rock 140; white limestone 146. Water at 140.
DR	S Con II	* 32	Saugeen Valley Sportsman's Club	Pratt Bros	Jun.27,1961	4	6	45	43	•	P	Sand 50; clay 110; shale 132. Water at 131.
DR	S Con II	<b>"</b> 54	E. White	Durham Drillers	Apr. 6,1960	4	8	80	59	Fresh	ם	Topsoil 4;hardman boulders 62;blue clay 80;sand 85;gravel 87; clay stones 105;coarse sand gravel 125;gray limestone 180. Water from 140 to 175.
DR	S Con III	* 13	Meyers Turkey Farms Ltd.		Oct.12,1962	5	25	15	12	•	D,S	Topsoil 4; grey clay 20; sand 30; gravel 40; grey clay 90; brown shele 100. Water at 90 and 95.
	W Con I W Con I	. 6 . 10	D. Herrison F. Keller	Prett Bros. Durhem Drillers	Aug.21,1963 Mar.23,1961	4	70	29 40	28 32	Sulphur Fresh	D D,S	Sand 51; brown limestone 59. Water at 59.
	W Con I W Con I	* 11 * 17	W. Main J.A. McLachlan		May 10,1962 Oct.9, 1962	4	20 20	40 40	20 30	•	D D,S	Topsoil 2; hardpan boulders 45; white limestone 92. Water at 80
	W Con I W Con I	* 18 * 28	A. Noble A.L. Lorenz	Pratt Bros Durham Drillers	Dec.18,1962 May 17,1961	4	6	26 12	18 9	:	D,S	Gravel 43; sand 45; white limestone 87. Water at 87. Topsoil 1; sand gravel 45; herdean 59; grey limestone 85. Water at 81.
GR	W Con II	* 30	I. Hunter	Pratt Bros	Dec.10,1962	4	7	23	22	•	D,S	Hardpan boulders 40; clay hardpan 114; grey limestone 122.
GR	W Con II	* 34	C. Rowbothane	æ	Oct.25,1963	4	7	55	46	•	D,S	Clay boulders 102; outcksand 103; brown limestone 139. Water at 139.  * Water at 134.

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GREY COUNTY - c	ont.										
Bentinck Twp. GRW Con II	- cont. lot 38	G. Miller	Pratt Bros.	Dec.29,1962	4	6	65	55	Fresh	D,S	Clay stones 6; herdpen boulders 77; brown limestone 100. Weter
GRW Con II	* 56	F. Knickmann	Durham Drillers	Oct.16,1963	4	10	45	40		D	at 100. Topsoil 2; hardpan boulders 25; sand gravel 30; clay 80; gravel
GRW Con II	* 63	V. Watt		Dec.16,1961	4	20	25	20	*	D	87; grey rock 91. Water at 88. Topsoil l; gravel stones 30; boulders 40; gravel sand 64; grey
GRW Con III	" 25	F. Twemley		Oct.10,1961	4	5	60	Plows	•	D	hard rock 100. Water at 95. Topsoil 2; clay boulders 40; gravel 43; hardpan 78; clay stones
GRW Con III	" 28	H. Grierson		Mar.16,1961	4	15	42	32		D,S	121;brown limestone 148. Water at 145. Topsoil 1;hardben stones 25;gravel 32;sand 45;gravel coarse sand 56;gravel 72;clay stones 90;gravel 121;grey rock 147.
GRW Con III	* 29	B. Chapman	•	Mar.15,1962	4	15	70	24	*	D,S	Water at 140. Topsoil 2;haripan stones 70;gravel sand 90;clay 110;gravel
GRW Con III	* 39 * 40	H. Berdel	Pratt Bros	Sep.30,1961	4	5	17	17	n n	D	120; clay 136; grey limestone 167. Water from 150 to 160. Stony clay 43; cuicksand 44; white limestone 64. Water at 64.
GRW Con III GRW Con III	* 42	H. Davis R. McTavish	Durham Drillers	Mar.21,1963 Mar.30,1963	4	20	24	38 15		D,S	Clay hardpan 82; white limestone 97. Water at 97. Topsoil 2; boulders gravel 20; hard white limestone 65; brown
GRW Con III	<b>"</b> 56	K. Lee		Apr.21,1960	4	10	60	17		ם	limestone 84. Water at 78 and 82. Topsoil 2; hardoan boulders ?7; grevel 29; gravelly hardoan 54; gravel 61; sandstone 95; limestone 116. Water at 110.
GRW Con III GRW Con III	" 56 " 68	G. Manery B. Doney	:	Jul.18,1961 Jun.21,1962	4	15 18	26 28	25	**	C D.S	gravel of sandatone 95; limestone 116. water at 110. Gravel 30; clay 51; gravel 58; grey limestone 95. Water at 90. Old well 30; soft grey clay 40; strong grey clay 60; grey sand
				101 1.102 -11 -							75; sand gravel 85; gravel 90. Water at 90.
Chatsworth Vla	ş.										
S Chatsworth		E. Murray	Wright Bros.	Aug.30,1960	4	10	50	35	Fresh	D	Topsoil 3;gravel stones 20;hardpan boulders 40;shaly limestone 42;grey limestone 72. Water at 72.
Chatsworth Chatsworth		J. Taylor E. Mustard	M.S. Bellerby	Sep. 3,1960 May 15,1961	5	10	20 10	7	**	P D	Previously drilled 28; limestone 78. Water at 78. Sand gravel 20; loose rock 24; yellow limestone 45. Water
Chatsworth Chatsworth		W. Saunders A. Cameron	A. Loucks	May 19,1962 May 24,1962	4 4	5 10	25 20	8	# #	D D	from 34 to 44.  Sand gravel 34; brown limestone 65. Water from 55 to 65.  Sand gravel 26; broken limestone 40; brown limestone 53%.
Chatsworth		G. Kidd		Oct. 3,1963	4	10	18	10		D	Water from 45 to 53.  Brown clay stones 19; limestone 40%. Water from 35 to 40.
Collingwood Tw	lot 9	С.н.	R. Nimmo	Nov.10,1963	4	Žį.	17	15	Salty	N	Brown clay 6; hardpan 65; limestone 73. Water at 60.
Con I Con I	* 20 * 21	Tawaststjerna B. Faire C. Petch	Nimmo &Schulz F. Wright &Son	Jun.20,1963	4	10	6	6	Fresh	D D	Clay sand 15; rock 27. Weter at 27.
Con I	" 21	W. Tout	Abercrombie & Jacksor	May 27,1960 Feb. 6,1961	4	,	40	0		"	Topsoil 1; clay stones 17; shale 22; limestone 40%. Water at 40. Sand 19; light grey rock 41. Dry hole.
Con I Con I	" 21 " 21	R.H. Crane P. Jones	C. Bautley R. Nimmo	Nov.18,1961 May 15,1962	4	2	10 11	8	Fresh	D D	Fine sand 17; limestone 38. Water at 35. Brown sand 8; limestone 40. Water at 39.
Con I Con I	" 21 " 21	E.F. Pocock J. Tote	C. Bartley	Jun. 7,1962 Jul.12,1962	4	2	71 56	61/2		D	Fine sand 26; medium gravel 28. Water at 26. Fine sand 15; blue clay boulders 35; limestone 60. Water at
Con I	<b>"</b> 21	G. Moore		Oct.24,1962	4	12	32	8		P	20 and 56. Sand 15; blue clay small stones 23; limestone 40. Water at 34.
Con I	" 21	R.J. Heslop	F.Wright &Son	Apr.27,1963	4	4	21	9		D	Booky topsoil 1; sand brown clay stones 5; brown clay boulder 19; shale 20; dark limestone 28. Water at 28.
Con I Con I	" 21 " 21	C. Beam H. Quinn	Nimmo & Schulz	Jun.26,1963 Aug. 6,1963	4	20	45 36	31		D D	Clay send 15; rock 45. Water at 45. Sand 15; rock 36: Water at 36.
Con II	* 18	K.Aliskauskas	R. Nimmo	Aug. 24, 1963	4	5	50	8		D	Clay 10; shale 50. Water at 50.

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LOCAT	ION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Y COUNTY -		it									
on II on II	lot 2		R. Nimmo	Oct. 1962 Nov. 4,1962	4	5	18	15	Fresh	D	Topsoil 3; grey limestone 150. Dry hole. Topsoil 3; grey limestone 33. Water at 30.
on II	* 2	W.W. Allan	Abercrombie & Jackson	Oct.20,1960	81	<b>₹</b> }		40	Salty	D	Brown shale 7; brown rock 26; grey rock 124. Water from 94 to 124.
on II	" 2: " 1		C. Bartley	Oct. 4,1961	4	2	12	4	Fresh	D	Fine sand 6; grey limestone 36. Water at 32.
on III on III	w 2	T. Peck	F.Wright & Son	Apr.17,1963 May 30,1960	4	Ц	7	5 23	Fresh	ם	Red clay stones 12; limestone 37; red clay 60. Dry hole. Clay stones 8; limestone 34. Water at 34.
on III on IV	* 2 <sup>1</sup>		C. Bertley Abercrombie &	May 19,1960 Oct.28,1960	5	2 10	31 15	23 12	Sulphur Fresh	D,S	Black shale 9; hard limestone 31. Water at 28. Topsoil 1; clay stone 18; hardstone 21; coarse sand 22. Wate
on IV	* 2		Jackson	Nov.12,1960	64	2		5	Sulphur		from 21 to 22.  Brown shale 3: light brown rock 35: brown rock 38. Water fro
			_					~	sulphur *	-	35 to 38.
on IV	2	and the Second	PM	Oct. 6,1961	61/2	9	10	8	**	D	Fill rock 4; brown rock 7; light brown rock 21. Water from 2 to 21.
on IV on IV	. 2		**	Dec.15,1961 Jul. 8,1962	61	3	35	1 7		D D	Overburden 3; brown limestone 44. Water from 42 to 44. Fine sand 11; shale 24. Water at 24.
on V	. 2		•	Oct. 7,1960	6					_	Red brown clay 15;derk blue shale 35;dark brown shale 40;
on V	* 2	K. Jirgens	C. Bartley	Sep.15,1961	4	12	35	5	_ *	D	rock 45; light grey rock 200; blue rock 287. Dry hole. Brown clay 4; grey limestone 36. Water at 35.
on VII on VIII	. 5	J. Dey A. Dolson	R. Nimmo Abercrombie &	May 16,1961 Mar.23,1962	4	2	8 45	8	Fresh	D,S	Rocky overburden 8; white limestone 50. Water at 42. Brown dirt 5; gravel flat stones 20; rock 43; limestone 74.
on X	• 1	I. Fawcett	Jackson	Aug.13,1960	L	3	55	42		D	Water from 70 to 74. Topsoil 1;clay stones 20;gravel 24;red clay 64;gravel 65.
on X	* 30				4	4					Water at 64.
		Creamery		Nov.20,1962	4		20	15	_	In	Gravel stones 20; grey clay hardoan 40; fine gravel 41. Wate at 41.
on X on X	* 30 * 31		A. Loucks C. Bartley	Jan.27,1960	544	10	26	22 15		D D	Topsoil 4; hardman 72; gravel 76. Water from 72 to 76. Topsoil 2; yellow clay 14; hlue clay 26; charge sand 33; small
on X	* 31	G.H. Mitchell	R. Nimmo	Jun.15,1960	4			-			gravel 44. Water at 39. Brown clay 30: ouicksand 33: grey clay 63: large boulder. Dry
					4	,				_	hole.
on X	" 31		Abercrombie & Jackson	Aug.16,1960		8	13	11	Fresh	מ	Topsoil 2; clay boulders 20; gravel 22. Water from 21 to 22.
on X on X	" 3: " 3:			Aug.23,1960 Nov.23,1960	4	10	12	38		D	Clay stones 48; gravel 50. Water from 49 to 50. Old well 12; yellow sand stones 27; charse sand 29. Water at
on X	<b>"</b> 3:	G. Abercrombie		Apr.19.1961	64	10	14	12		D	29. Clay stones 23:gravel clay 28:clay sand 34:gravel 36. Wate
	-		_					-		_	at 36.
on X on X	31	Y. Asnovitch G. Preistily		Apr.20,1961 Oct/30,1961	4	6	12 14	10	-	D	Clay stones 24;gravel 25. Water at 25. Clay stones 12;sand clay 15;sand gravel 25. Water from 22
on X	* 3:	Abercrombie &		Jul.29,1962	63	4	50	40		ם	to 25. Fine gravel 10; brown clay 60; sand gravel 67. Water from 60
on X	* 31	Jackson	*	Sep.18,1962	61	5	30	25		D	to 67. Gravel stone 15; grey clay hardman 48; gravel, Water at 48.
on X	" 3		A. Loucks	Oct. 8,1963	4	5	15	9		ā	Old well 10; gravelly hardpan 25; gravel 31. Water from 25
on XI	* 16	S. Dinsmore	Abercrombie &	Sep.17,1960	4	2	85	39		D.S	to 31. Red brown clay 15; brown clay stones 42; gravel 42; gravel
on XI	<b>*</b> 2	G.C. South	Jackson	Jul.6, 1962	63	10	25	15	*	D	clay 52; houe shale 105. Water from 90 to 105. Stone dirt 8; grey hardpan 30; fine quicks and 78; fine grayel
	-				_ ~	1					RO. Water at RO.
on XI	. 5	M. Kousel		Nov.14,196?	61	6	125	100		ם	Brown soil stones 25; grev clay hardman 125; fine sand grey clay 168; fine gravel 169. Water at 168.

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GREY COUNTY - Collingwood	ont.										
Con XI	lot 36	Tolmer &Lemcke	D.Wright & Sons	Jun.28,1962	5	8	25	14	Fresh	In	Roulders hardpan 25; send gravel 60; quicksand 112; Water from 25 to 60.
Con XII	" 37	J.M.G. Farm	Abercrombie & Jackson	Рев. 5,1963	65	6	100	100		s	Topsoil 5;brown clay 55; ine grey clay 100;grey hardnan 150; grey clay 160. Water at 160.
Con XII Con XII	* 40 * 40	H. Heinike	**	May 17,1961 May 19,1961	4						Blue clay 30. Dry hole. Blue clay 60; Dry hole.
Derby Twp. Con I Con I Con I	lot 6	H. Bell P: Plas H.D. Metzger	M.S. Bellerby A. Loucks Wright Bros.	May 1;1961 Mar. 7,1963 Nov. 3,1960	564	₹ 5 15	35 60	1 5 20	Fresh	000	Loose rock 16; grey limestone 87. Water from 77 to 87. Till 2; white limestone 83. Water from 70 to 83. Old well 16; hardban clay rock 25; grey limestone 50; hard blue limestone 116%. Water at 115.
Con I Con I	" 9 " 9	H. Lamb H.D. Retzger	R.& S. Wright	Apr.20,1962 Jun. 6,1962	4 <del>1</del> 5	3 <del>1</del> 5	75 100	15 15		D In	Topsoil 4; grey limestone 35; blue limestone 77. Water at 75. Topsoil 3; hard yellow clay 15; grey limestone 45; blue hard limestone 115; grey limestone 125; rock blue shale 135; red hard shale 145. Water from 50 to 125.
Con I	" 9	•	#	Aug.20,1962	4	6	80	25	Fresh	D	Topsoil stones 3; hardpan stone 16; grey limestone 45; blue limestone 85; grey limestone 118; rock blue shale red shale 121. Water from 65 to 118.
Con I Con I	" 10 " 10	Owen Sound Livestock	Wright Bros.	Sep.17,1960 Apr.24,1961	4 4	5 3₹	60 105	12 10	*	D S	Topsoil 4; grey limestone 55; blue limestone 75. Water at 75. Topsoil 3; grey limestone 50; blue limestone 100; blue shale 105; red shale 110. Water &t 85 and 105.
Con I	* 10	Auction J. Keeling	R.& S. Wright	Apr. 6,1962	4	1	105	12	*	D	Topsoil 2;grey limestone 56;blue limestone 100;blue shale
Con I Con I	" 10 " 10		D.Wright &Sons	Jun.25,1963 Oct.21,1963	5	5 5	70 80	5 12	**	D,C	102; red shale 108. Water from 90 to 108. Rock 7; herd grey blue limestone 80. Water from 40 to 70. Brown clay 6; grey limestone 110; blue shale 116; red shale 131. Water at 80 and 115.
Con II	* 7	L. Williton	R.& S. Wright	Apr. 3,1962	5	20	60	60		D	Clay gravel stones 30; small houlders 33; sand clay 66; hardban stones 78; fine gravel 82; coarse gravel 87. Water at 87.
Con III	" 13	F. Henry	**	Apr.27,1960	4	Ł.	65	4	**	D	Topsoil sand 5; grey limestone 45; blue limestone 75. Water at
Con III	" 13	L. Robinson	***	Aug.10,1960	4	5	70	5	•	D	Topsoil 6; white limestone 50; blue limestone 80; blue shale 90. Water at 90.
Con III Con III	" 13 " 13	R. Pickett C. Maclean	D.Wright &Sons	May 1, 1961 Jul.20,1961	4 4	10 6	50 40	10 12	*	D D	Tonsoil 3; grey limestone 35; blue limestone 77. Water at 77. Clay 1; hrown limestone 75; blue shale 80; red shale 97. Water at 50 and 75.
Con III	* 13	M. Oehler	R.& S. Wright	Aug.10,1963	5	15	24	9	**	D	Brown sandy soil 4; grey limestone 48; blue limestone 76. Water at 53 and 72.
Con III	<b>"</b> 13	E. Hiller		Sep.10,1963	5	15	15	8	*	D	Brown sandy soil 36; grey limestone 48; blue limestone 75. Water at 40 and 60.
Con III	* 14	R. Barber	**	Apr.27,1963	4	5	70	6	*	S	Topsoil 1; grey limestone 50; blue limestone 84; blue shale 86. Water from 60 to 85.
Con III	" 17	Cities Service	D.Wright &Sons	Feb.13,1960	4	10	30	16	*	C	Clay gravel stones 50; blue shale 90; limestone 150; blue shale 158; red shale 201. Water at 125 and 195.
Con III	" 17		R.& S. Wright	Aug.1,1961	5	1/2	160	35		D	Topsoil 5; sandy clay har ben 72; stones blue shale 89; hard blue rock 140; blue shale 150; red shale 160. Water from 140 to 160.
Con III	<b>"</b> 18	West HillBowl	D. Wright &Sons	Mar.1, 1961	5	5	150	45		P	Sand 20; clay 55; limestone 110; blue shale 118; red shale 172. Water at 80 and 155.
Con III	* 18	I.G.A.Market	*	Oct.5, 1961	5	5	120	50		C	Sand 20; grey clay 63; gravel 68; brown limestone 110; blue shale 118; red shale 146. Water at 110 and 138.
Con IV	" 13	A, Tobey	R.& S. Wright	Sep. 7,1961	4	3	85	20	*	D	Topsoil 2;grey limestone 35;blue limestone 97. Water at 60 and 90.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCA	TION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
De	erby Two	cont.	13	A. Whinfield	R.&S.Wright	May 4, 1963	4	5	50	10	Fresh	D	Topsoil stones 4; grey limestone 65; blue limestone 81. Water
	Con IV			D. Roach	D.Wright & Sons	Jul. 2,1963		8	50	8		D	at 80. Loose limestone 20; hard white limestone 82. Water from 40
,	Con IV		15	T. Stewart		Sep.22,1961	4	12	20	12		D,S	
1	Con V	*	10	T. Vokes	R.& S. Wright	Dec. 3,1960	4	5	114	52	*	s	red shale 121. Water at 100. Tobsoll 4;gravel stony 20;big boulders har nam 44;gray limestone 85;blue limestone 112;light gray limestone 138.
,	Con V	w	17	R. Byers	D.Wright &Sons	Jul. 6,1960	4	5	95	20	*	ם	Water at 90 and 138. Clay gravel 8; limestone of the shale 90; red shale 110.
,	Con VI		12	N. Brown	*	Aug.13,1963	6	5	80	60	*	D,S	Water at 60.  Previously drilled 100; hard limestone 125; blue shale 190; red shale 202. Water at 185.
- 1	Con VII Con VIII Con IX	19	9 17 6	K. Barfoot W. Cameron E. Fleming	R.& S. Wright	Jun.16,1961 Jul.14,1962 Sep.27,1962	4	10 1½ 3	18 100 75	8 13 20	*		Gravel boulder 15; bedrock brown limestone 56. Water at 50. Clay gravel boulders 28; limestone 100. Water from 40 to 100. Brown sandy soil 15; grev sand stones 46; grey clay 49\frac{1}{2}; brown limestone 80. Water at 60.
-	Con IX		11	D. Charlton	**	Jun.13,1961	4	10	20	50		D	Topsoil 4; grey limestone 32; blue limestone 74. Water at 70 and 74.
	Con X Con X Con XI	**	6 15 5	L. Webb R. Baumber E.C. King	L.& A. Wright D. Wright& Sons	Apr.25,1963 Apr.26,1963 Aug.2, 1962	5	10 10 100	50 74 15	31 24 15	*	D,S D In	Old well 25; sandy clay 114; brown limestone 287. Water at 284 Clay stones 11; brown rock 55; white limestone 74. Water at 50. Boulders gravel 12; sand 18; clay 30; gravel 65; brown bedrock
106	Con XI		7	H. Kennedy	R.& S. Wright	Oct.29,1962	.5	10	24	23	*	D,S	200; blue hard limestone 270. Water at 80, 160 and 267. Old well 25; brown sand 63; fine gravel 66; quicksand 70; sand
	Con XII		2	H. Munson	*	May 9, 1963	5	30	35	11		D,S	93%; white limestone 126. Water at 120. Dark sandy soil 6; sandy brown gravel 27; brown limestone 36; fine sand 38; rrey limestone. Water at 38.
,	rs.	*	4	M.&M. Clark		Aug.15,1960	4	6	85	6		D	Topsoil 5; clay stones 35; grey clay 47%; grey limestone 70; blue limestone 102. Water at 102.
	ts		5	A. Doubt	*	Oct.25,1962	5	45	110	24	*	מ	Topsoil 8; clay 25; sand stones 45; sandy clay 60; fine sand 75; hard clay stones 86; blue limestone 107; grey limestone 113, Water at 110.
:	rs.	*	5	J.R. Sheppard		Jun. 3,1963	5	8	80	5	•	D	Sandy soil 6;gravel stones 25;grey clay 28;brown limestone 48;grey limestone 73;white limestone 114. Water at 50 and 105.
- 1	IS IS	**	8 14	J. Riley D.R. Speir N.Derby United Courch	D.Wright &Sons A. Loucks L.& A. Wright	Jul.29,1961 Apr.24,1963 Jul.28,1960	4	10 10 12	25 12 105	7 12 15		D D,S D	Clay boulders 8; grey brown limestone 62. Water at 57.
Dı	ındalk Vlg.			Vlg.Dundalk	G.L. Davidson	Apr. 5,1960	10	118	95	21	Fresh	P	Sand 8;gravel hardban 14;hardban 66; sandy gravel 103;gray hard limestone 118;gray brown hard limestone 142;light brown hard limestone 172;dark brown medium limestone 201. Water at 126, 168 and 200.
Di	undelk Vlg.			•	*	May 5;1960	10	45	153	23	•	P	Fill 2; sand gravel 12; stony hardpan 54; sand clay 62; sand gravel 98; light hard limestone 102; buff hard limestone 152; hard brown limestone 195; white hard limestone 208; light brown hard limestone 218; hard buff limestone 228; hard brown limestone 248; dark brown medium hard limestone 273. Water at 104, 195, 228. and 248.

	REY COUNTY - co	nt.											
	Con IV	lot	: 17	A. Flemington	R.H. Gadke	Oct.19,1961	4	8	40	40	Fresh	D,S	Stone soil 2;hardpan 42;sand 50;gravel 65;limestone gravel
	Con V	*	4	W.D. Iles	Hadco Well Digging	Aug.15,1961	30	4	39	30	•	D,S	80; sand 84; brown limestone 144. Water at 144. Topsoil 1; sand gravel 13; brown fine sand 30; coarse sand fine
	Con IX	**	5	s.s.# 6	Durham Drillers	Oct.28,1960	4	3	100	22		P	gravel 32; fine send 40. Water from 30 to 32. Brown clay 13; clay stones 45; medium sand 68; hardpan 75; fine
	Con X		7	H. Foertsch	Hadco Well Digging	Sep.21,1963	30	3	29	25		D	sand 155;grey limestone 219. Water from 200 to 219. Topsoil 2;brown clay 12;brown sand 28;grey clay rock 30.
	Con X	*	20	B. Iglinski	G.L. Davidson	Jun. 4,1960	4	8	75	58		D,S	
	Con XI	*	A	P. Dillon	*	Feb.16,1960	4	12	36	23		D,S	
	Con XII	*	20	K. McClure		Jan. 8,1960	4	15	36	27		D,S	blue rock 190; brown limestone 207. Water at 207. Sand gravel 50; loose shale 70; brown limestone 109. Water at 109.
	Con XIII	*	2	J. Nicholson	Pratt Bros.	Sep. 2,1961	4	6	18	12		D,S	
	Con XIV		5 21	B.K. Padget M. Hopkins	*	Aug. 7,1963 Jun.15,1961	4 4	8	4 90	3		D,S D,S	Sand 42; hardpan 114; grayel. Water at 114.  Red clay 20; blue clay 50; hardpan 62; brown limestone 80; white
	Con XX Con XXII Con XXII Con XXII	10 10 10	16 4 8 25	R. Tucker B. Harrison R. Morrison C. Kinsman	**	Nov.30,1962 May 27,1963 Jun.3, 1963 Mar.27,1962	4 4 4 4	6 7 6 6	31 35 53 22	30 34 51 21	**	D,S D,S D,S	Gravel 30; sand 62; ardban 63; gravel 64. Water at 64. Gravel sand 78; hardban 81; gravel 82. Water at 82. Old well 23; clay hardban 80; hardban boulders 90; hardban 101;
pok	GRE Con I	19	1	K. Dickson	Durham Drillers	Jun.19,1962	4	20	25	15	**	D,S	
27	GRE Con I GRE Con I		3	A. Lee	Pratt Bros.	May 6,1960	4	6	30	15		D	at 63. Clay boulders 14; white limestone 50; blue limestone 130; grey limestone 13R. Water at 136.
	GRE Con I	100	6	J. Wilton	Durham Drillers	Mar.23,1963	4	15	20	14		D,S	
	GRE Con I	•	8	L. Tolhurst	Pratt Bros.	Sep.22,1961	4	6	110	55	**	D,S	
	GRE Con I	99	9	L. Elliott	G.L. Davidson	May 26,1960	4	8	80	62	•	D	Old well 8; sandy stones 45; clay 51; sand 96; sand stones 155; stony hardpan 164; sand 178; brown shale 182; grey limestone 220. Water at 220.
	GRE Con I	*	32	A. Campbell	E.A. Keeso	Mar. 1,1961	4	14	34	32	**	D,S	
	GRE Con II	10	8	W. Struus	Pratt Bros.	Mar.14,1963	4	6	45	35		D,S	Clay boulders 42; grey hardban 94; brown limestone 124; white limestone 196. Water from 105 to 196.
	GRE Con II	99	20	A. Wirhus		Dec.13,1961	4	5	66	48		D,S	Old well 24; sandy hardban 83; oream coloured limestone 95. Water at 93.
	GRE Con II	99	35	L. Orchard	G.L Davidson	Aug.24,1960	4	10	78	45		ם	Fill 4; sand gravel stones 8; stony hardpan 34; sand gravel 52; stony clay boulders 78; sand stones 128; sand 152; stony clay 178; blue clay shale 188; hard grey rock 194; hard brown rock 198; hard blue rock 208; hard white rock 215. Water at 215.
	GRE Con II	99	39	W. Adams	Durham Drillers	Oct.19,1960	4	8	60	45	**	D	Stony hardpan 135; clay stone 182; shale gravel 196; gravel 200. Water from 196 to 200.
	GRE Con II	36	41	C. Irvin	*	Oct. 8,1960	4	10	60	56	*	D	Hardpan boulders 40;grey clay 70;gravel sand 118;hardpan 160; clay stones 192;gravel 208;gravel 210. Water at 210.
	GRE Con II		46	J. Plume	*	Mar. 4,1961	4	18	25	17		D,S	
	GRE Con II	•	57	H. Holid⇒y	R.H. Gadke	Apr.14,1962	4	10	40	35		D,\$	

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
EREY COUNTY - CO Egremont Twp. GRE Con III	- con	t. 32	W.J.Stevenson	G.L. Davidson	Apr.26,1962	4	10	50	45	Fresh	D,S	Topsoil 1; hardpan sand boulders 38; ouicksand 48; hardpan 145; grey rock 153; light brown soft rock 198; light brown hard
GRE Con III		52	E. Hunt		Jan.14,1960	4	7	56	41		D,S	rock. Water et 198. Gravel 30; herdpen 108; sendy grevel 173; clay 220; shale 225;
GRE Con III		55	E. Rawn	•	Jan.27,1960	4	7	55	40		D,S	brown limestone 252. Water at 252. Gravel 30; stony hardpan 50; sand 72; hardpan 94; gravel sand
GRW Con II	•	50	J. Farrell	Durham Drillers	Oct.3, 1961	4	3	80	50		D,S	130;handpen 136; coarse gravel 140. Water at 140. Old well 55; coarse sand gravel 72; brown clay 95; coarse sand 112; coarse sand gravel 130; fine brown sand 742; coarse sand
GRW ⇔n III	•	49	W. Dowling	•	Jun.24,1961	4	6	85	53	•	D,S	gravel 251; grey limestone 270. Water at 267. Hardpen gravel 50; sand 140; sand gravel 170; sand 221; gravel 225. Water at 225.
Euphrasia Twp.	lot	27	J.G. Irwin	Abercrombie &	Oct.24,1961	4	7	15	10	Fresh	D,S	Brown clay 40; blue shale 53. Water from 50 to 53.
Con II	*	24	L. Woodhouse	Jackson C. Bartley	Jan.30,1961	41/2	5	35	12	Salty	s	Topsoil 2; yellow clay 12; fine send 14; hlue clay 64; red clay
Con III	W	6	C. Smart	Abercrombie & Jackson	Jun.30,1960	4	3	135	88	Fresh	D,S	72; fine gravel 75. Water at 72. Topsoil 1; clay boulders 30; clay 40; gravel 41; clay 46; mud 42; clay stones 59; hard brown limestone 94; blue shele 100; brown
Con IV		4	T. Ferguson	•	Jul. 5,1960	4	4	30	25	•	D,S	shale 112; blue shale 144. Water from 112 to 144. Topsoil 1; stones 15; red clay 70; clay gravel 71; coarse sand
Con IV	•	30	K. Cornfield	•	Oct. 1,1962	6						72. Water from 71 to 72. Brown topsoil 22; grey limestone 60; blue clay 73; red clay 85.
Con IV		30			Oct.16,1962	6						Brown topsoil 20; grey limestone 65; blue clay 75; red clay 95;
Con IV Con V		30 1	Hydro Ski	" D.Wright& Sons	Oct.21,1962 Peb.20,1963	6 <del>1</del> 5	2 10	70 110	22 80	Fresh Selty	D,S	brown clay 140; brown rock 200. Dry hole. Clay stone 15; limestone 65; blue clay 75. Water at 75. Clay gravel sand boulders 200; blue shale 320. Water from 260 to 300.
Con V		3	Charlet D. Morrison	Abercrombie &	Sep. 8,1961	6	7	8		Fresh	D,S	
Con ♥	*	7	B. Curtis	Jackson	May 30,19 <sup>4</sup> 2	4	2		Flows	Salty	N	Cld well 11; sendy grey clay 26; brown clay 150; fine grey quicksand 190; fine gravel sand 220; grey clay 225; fine sand claw 230; grey clay hardban 250; Water at 250.
Con VI Con VI		29 29	L. Sewell	D.S. Lougheed	Nov.5, 1962 Nov.11,1962	7 7	3	35 80	12	resh	D,S D,S	Cement tiles 4; limestone 35. Water at 35.
Con VIII		19 19	M. Wiley B. Wilson	M.S.Bellerby Durham Drillers	Nov.23,1963 May 29,1962	44	5 15	28 50	20 40	*	D,S	Gravel sandy clay 30; white limestone 51. Water at 50.
Con VIII	•	21		•	Jun. 1,1962	4	15	40	30	•	S	Grey clay 25;grey stony clay 40;brown clay 52;brown rock 56.
on VIII	•	25	E. Boyd	Abercrombie & Jackson	Aug.29,1960	61	6	45	18		D,S	
Con X Con X		28 26	R. Jackson J. Sparling	A. Loucks R.&S. Wright	Oct. 5,19 <sup>4</sup> 2 Aug.30,1963	6 5	22	70 120	40 22	*	D,S D,S	Fill gravel 12; hard limestone 106. Water from 45 to 95.
Con VI Con XI Con XI Con XI		30 30 30 43	M. Rennie " H. Rimmer	A. Loucks  W M.S. Bellerby	Aug.18,1962 Aug.24,1962 Sep. 1,1962 Apr.15,1963		1 5	100 30	45 19	Fresh	D,S D,S	Topsoil 8; limestone 115; red blue clay 145. Dry hole. Topsoil 8; limestone 103. Dry hole. Topsoil 12; limestone 100. Water from 70 to 100.

GREY COUNTY - Euphrasia Tw												
Con XII		t 29	Walters Falls Fair Board	Abercrombie & Jackson	Sep. 2,1960	4	9	13	13	Presh	P	Topsoil 1; clay boulders 18; hard limestone 24. Water from 23 to 24.
Flesherton V	lg.		G.McTavish & G. Banks	Abercrombie &	Mar. 2,1960	4	6	30	24	Fresh	P	Fine gravel band hard stones 88; grey limestone 153. Water at 120.
Flesherton	•		J. Porteous	_ Jackson	Apr. 5,1960	4	6	11	10	•	D	Old well 20; fine gravel sand 60; brown stony hardpan 110; coarse sand 117; grey limestone 165. Water at 165.
Plesherton Flesherton	:		F. Thurston C. LittleJohns	Pratt Bros. Abercrombie & Jackson	Apr.21,1960 May 2,1960	4	5 10	6 10	Flows 10	:	D D	Clay large boulders 80; brown limestone 145. Water at 143. Loam 3; gravel clay stones 60; brown stony clay hardpan 80; sand quicksand 110; limestone 154. Water at 150.
Flesherton	•		Freternal Hell	Durham Drillers	Sep.21,1960	4	5	30	20	*	D	Stony hardpan 18; sand gravel 48; hardpan 70; gravel 82; sand 112; brown limestone 151. Water at 145.
Flesherton	•		R. Avis	Pratt Bros.	Sep.23,1960	4	5	26	26	•	D	Gravel boulders 50; quicksand 115; silt gravel 128; loose brown limestone 133; brown limestone 145. Water at 145.
Plesherton Flesherton			R. Best J.A.Hutchinson		Oct. 4,1960 Nov.11;1961	5	6	26	26	:	D D	Clay boulders 50; sandy hardpan 56; gravel 57. Water at 57. Fine gravel 14; sand gravel 62; hardpan 64; gravel. Water at 65.
Plesherton			F. Duncan		Mar.17,1962	4	6	27 17	25 17		D	Gravel 40; sand 43; clay 67; hardpan 69%. Water at 69%.
<b>Flesherton</b>			D. McLean	•	Jul.31,1962	4	6	12	9	*	D	Old dug well 11; blue clay houlders 75; brown loose rock 78; solid brown rock 81. Water at 81.
Plesherton	•		R. Cessar	•	Oct.16,1962	4	6	23	19	*	D	Rough gravel stones 15; clay hardpan 58; gravel 59. Water at 59.
Plesherton		4	K. Routledge		Apr.29,1963	4	6	55	45	*	D	Gravel large stone 60; coarse sand 107; brown limestone 142; white limestone 218. Water at 112 and 218.
Flesherton			E. Oliver		May 18,1963	# #	6	22	20	*	D	Old well 24; hardpan boulders 69; gravel 69%. Water at 69%.
Plesherton			Imperial Bank Of Commerce	Durham Drilling	Jun. 6,1963	4	15	35	26		מ	Open hole 25; clay sand 50; gravel sand clay 60; sand brown clay 75; gravel 85; brown rock 134. Water from 125 to 132.
Flesherton Flesherton			H. Bibby G. Fields	Pratt Pros	Sep.18,1963 Dec.11,1963	4 4	9	11 14	10 3		D D	Gravel 30; send 100; hardpan gravel 103. Water at 103. Cley stones 35; silt 65; send gravel 100; hardpan gravel 103.
Flesherton			D. Williams	•	Dec.14,1963	4	7	25	24	*	ם	Water at 103. Samdy clay 45;gravel 55. Water at 55.
Glenelg Twp.												, .
Con IV		t 9	J. Bakis	Durham Drillers	Sep.28,1960	4	10	75	68	Fresh	D	Gravel boulders 25; stony hardnest 80; sand 109; brown limestone 134. Water at 130.
Con IV		17	R. Stacey	Pratt Bros.	Aug.23,1961	5	4	60	31	•	D,S	Rough gravel 30; loose brown limestone 41; solid brown limestone 85. Water at 44 and 78.
Con IV Con V	*	18	J. McGrath P. Halev	*	Jun.10,1963 Oct. 7,1963	4	6	46 18	44 11	:	D.S	Clay large houlders 4; wite limestone 90. Water at 90. Grevel 15; clay hard boulders 52; wite limestone 64. Water at
Con V		16	B. Manbert		Apr.21,1961	4	5	38	38		D	64. Clay boulders 42; brown limestone 75; white limestone 139.
Con VI		3	W. Peart		Sep. 4,1962	4	7	85	70		D,S	Water at 75 and 139. Clay boulders 70 grey heriban boulders 126; white limestone
Con VI		4	P. Greenwood	•	Nov.21,1962	4	6	66	63		D,S	138. Water at 137. Hardpan boulders 30;hordpan 117;trown limestone 122. Water
Con VI		5	J. Doherty	Durham Drillers	Jun.24,1960	4	10	20	13		ם	at 122. Gravel boulders 18; coarse sand gravel 53; grey limestone 126.
Con VII	W	7	N. Hunt	Prett Bros.	Nov.13.1963	4	7	22	18		D.S	Water from 120 to 126. Gravel 30; hardpan boulders 82; limestone 88. Water at 88.
Con IX		7	M. McNally	Durham Drillers	Nov.22,1962	4	14	170	160	•	D,S	Open hole 30;grayel 50;sandy clay 100;gray clay 110;grayel 155;limestone 200;gray rock 244. Water from 230 to 240.
Con X	•	5	A. ¥cNally	Pratt Bros.	Sep.20,1963	4	6	88	87	•	D,S	Old well 27;hrdoan boulders 67;clay hardpan 120;grey hardpan 162;shale 166. Water at 166.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	Loc	CATIO	<b>y</b> 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T. PVPT	KIND OF	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Gl	Y COUNTY enelg Two on XI on XV		cont	10	S. Baker O. Goslin	Pratt Bros. Durham Drillers	Aug., 4,1960 Mar.15,1963		5 20	150	14 92	Fresh	D D,S	Gravel 30; brown limestone 34. Water at 34. Topsoil 6; boulders 20; sand 25; cemented gravel 130; fine grey
c	on XV		190	11	K. Backhaus		Oct. 7,1963	4	20	70	60	-	D,S	sand 140; Gemented gravel 155; fine grey sand 173; hard grey rock 195. Water at 173 and 190.  Open hole 40; sand gravel 100; send 140; white sandy gravel 180.
	RN Con I			6 48	C. Grubb Latter Day	Pratt Bros Durham Drillers	Nov. 3,1961 Nov. 6,1963	4 6	6 25	4 75	4 60	:	D P	white sand 182; guicksend 185; white sendy gravel 189; brown hard rock 191. Water from 180 to 190.  Clay 15; sand 24; aut cksand 47; white 14 meeting 53, Water at 52
	RN Con I			14 35	Saints Church N. Savage E. MacLean		Apr.17,1962 May.21,1960		50	10	Flows	:	D D,S	160; boulders 175; gravel 185. Water from 175 to 185.
D	RS Con I	II	Ħ	42	0. McIntyre		Sep.10,1963	4	20	65	48	•	D,S	Topsoil 4; hardpan 25; gravel 75; coarse sand gravel 124; brown limestone 156. Water from 140 to 156.  Topsoil 4; gravel boulders 25; sandy clay 100; sand 130; clay boulders 150; stony clay 170; bard sand sandstone 184. Water
	RE Con I				M. Anderson	Pratt Bros.	Apr.11,1962	4	8	10	8		ם	from 150 to 184. Clay stones 18; brown limestone 30; white limestone 129. Water
G	RE Con I	C.		10	E. Boyle E. Brown	A. Loucks Durham Drillers	Oct.23,1962 Feb.17,1962	5 4	?1 18	50 15	35 <b>?</b>	:	D,S D,S	at 128.  Brown clay gravel 35;grey limestone 90. Water from 70 to 90.  Gravel 20;boulders 30;sand 50;cley 63;grey rock 110. Water
	RE Con I RE Con I			13 16	R. Murdock Ont.Dept.ef	Pratt Bros	Jun.20,1962 Aug.24,1962		8	34 4	10 1	*.	D P	Red Clay boulders 60; creem coloured shale 77. Water at 77.  Clay stones 16; white limestone 98; pink limestone 128. Water
G:	RE Con I				Highways B. Neff	Durham Drillers	Sep.21,1962	4	18	60	48	•	ם	at 55 and 122. Topsoil 6;gravel 30;sand 55;hard clay 66;sand 70;gravel 72; sand 75;brown rock 105. Water from 95 to 104.
	RE Con I RE Con I				H. Boyce G. Bell	:	May 21,1962 Nov.28,1962		8 21	30 55	30		D,S	Topsoil 2;hardpan 100;houlders hardpan 128;hrown limestone 160. Water at 158.
GI	RE Con I	I		46	B. Lawrence	Pratt Bros.	May 9,1963	4	6	18	0		D,S	Open hole 40;gravel 65;sand 85;gravel 100;sandy clay 110; grey rock 138. Water at 135. Old well 13;clay hardpan 82;brown limestone 106. Water at 106.
G1 G1	RE Con I	I		59	G. Moore D. Hooper L.O.L. 1192	:	Oct.5, 1961 Mar.21,1963 Jun.9, 1960	4	10	8 8 50	8 4 6	:	D,S D P	Gravel stones 12; white limestone 35. Water at 32. Gravel large stones 15; white limestone 31. Water at 31. Grave' 60; quicksend 61; white limestone 82. Water at 80.
	RE Con I RE Con I			3	C.A. Greenlesf B. Anderson	Durham Drillers Pratt Bros.	Apr.6, 1963 Sep.10,1962		15	40 26	28		D D,S	Topsoil 3; clay boulders 35; sand gravel 46; brown rock 94. Water from 88 to 94. Sand gravel 8; sandy clay hardpan 14; cream limestone 43.
	RE Con I			2	R. Tribble	A. Loucks	Nov.27,1963	4	10	35	20		D,S	Water et 32. Old well 20;grovel houlders 93;white limestone 136. Water
G!	RE Con I	II	*	46	J. Baker	Durham Drillers	Nov. 9,1962	4	21	60	36	*	D,S	from 125 to 136. Topsoil 4;gravel boulders 30;sandy clay 40;cemented gravel 55;black clay 60;grave clay 70;sandy clay 90;gravel 93;hard
SI	aw Con I	Ĭ.	• 1	06	H. Pope	*	Nov.30,1962	5	30	20	15	*	D	brown rock 116. Water at 93 and 110. Boulders 10; sand 20; blue clay 45; sand 48; white rock 62. Water from 55 to 60.
GI	lland Tw RE Con I RE Con I		lot	2	R.K. McAvoy R. Sylvest	A. Loucks R.& S. Wright	May 7,1962 Nov.10,1962	4 5	10 4	25 90	25 55	Fresh	D D	Brown clay boulders 40; grey limestone 74. Water at 74. Brown slit 30; slity brown clay 76; brown limestone 96. Water
GI	RE Con I		•	4	Girl's Guide Camp	•	May 18,1962	5	10	35	17		P	et 93. Brown clay stones 16;brown limestone 48. Water from 37 to 40.
GI	RE Con I		THE .	14	G. Monk	A. Loucks	Jun.10;1963	4	12	15	10		D,S	Brown clay boulders 25; limestone 32. Weter from 25 to 32.

Bolland Twp cont.   GRE Con I   10t 14   S. Dier   A. Loucks   Jun. 14,1963   4   10   30   25   Fresh   D.S   Erown clay boulders 40; grey limestone 49. Water from GRE Con I   19   S. Bert   D.S   Sep. 2,1963   4   7   30   24   8   10   37   10   10   10   10   10   10   10   1	77. er at 50. from 80
GRE Con I	er at 50. from 80
GRE Con II " 12 G. Hatten R. & S. Wright M. Hodgson " Jul. 18, 1961 \$ 10 50 10 " D Topsoil Signavel stone 18; stone hardban 27; hard of 1. Stone I " 14 M. Hodgson " Jul. 18, 1961 \$ 10 30 25 " D Hardpan clay 7; grey limestone 50; have limestone 50; have limestone 73, Water at 70. Old well 21; grey limestone 73, Water at 70. Old well 21; grey limestone 173, Water at 70. Old well 21; grey limestone 173, Water at 70. Old well 21; grey limestone 173, Water at 70. Old well 21; grey limestone 173, Water at 107. Old well 28; grey limestone 173, Water at 107. Old well 28; grey limestone 173, Water at 107. Old well 28; grey limestone 183; sand gravel 59; hard old well 28; grey limestone 183; sand gravel 59; hard old well 28; grey limestone 184; sand gravel 59; hard old well 28; grey limestone 184; sand gravel 59; hard old well 28; grey limestone 185; which water at 107. Clay gravel boulders 60; limestone 48; sand gravel 59; hard old well 28; grey limestone 194; water from 01d well 28; grey limestone 194. Water from 01d well 28; grey limestone 194; water from 186. Old well 28; grey limestone 195; water from 190. Old well 29; hard boulders 29; hard 107. Clay gravel stones 199; hard 197; white 187; which was 197; which well 29; gravel 100; g	lay 30;grey
GRE Con II	
GRE Con II	O. Water at
GRE Con II	
GRE Con II	. Water at
GRE Con III	eter from
GRE Con III	ae limestome
GRE Con III " 20 J.D. Ceaser A. Loucks Jan.10.1963 5 10 45 35 " D.S Old well 34; brown clay gravel boulders ?8; brown 1: 140. Water from 110 to 140. Water of 152. W	Imestone
GRE Con VIII " 43 J. Grimm B. Wright &Sons Nov. 1,1963 5 10 30 28 " D. Cler grevel boulders 25; herd brown limestone 65. Way 23,1963 4 10 55 40 " D.S Hardpan clay gravel 152; gravel 162. Water at 152. Water at 15	lmestone
GRE Con XII	
SRE Con I	estone 70
SRE Con I " 13 J. Webster " Oct.17,1960 4 8 70 18 " D,S Topsoll 2;gravel 10;hardpan stones 30;stones gravel clay stones 64;gray limestone 91. Water at 90.  SRE Con I " 30 R. Hampton L.& A. Wright Aug.25,1960 5 12 75 20 " D Old well 14;large stones clay 55;gravel clay 58;1: 91. Water at 85.  SRE Con I " 31 C. Shute " Sep. 7,1960 4 10 100 31 " D Old well 15;clay stones 68;rock 70;clay gravel 77: 100. Water at 90.  SRE Con I " 31 H. Troughton " Sep.30,1960 4 12 101 26 " D Gravel clay 20;stones clay 68;rock 70;clay stones	e 65; blue
SRE Con I " 30 R. Hampton L.& A. Wright Aug.25,1960 5 12 75 20 " D Old well 14; large stones clay 55; gravel clay 58; l' 91. Water at 85.  SRE Con I " 31 C. Shute " Sep. 7,1960 4 10 100 31 " D Old well 15; clay stones 68; rock 70; clay gravel 77; SRE Con I " 31 H. Troughton " Sep.30,1960 4 12 101 26 " D Gravel clay 20; stones clay 68; rock 70; clay stones	el 35;herd
SRE Con I " 31 C. Shute " Sep. 7,1960 4 10 100 31 " D Old well 15; clay stones 68; rock 70; clay gravel 77; SRE Con I " 31 H. Troughton " Sep. 30,1960 4 12 101 26 " D Gravel clay 20; stones clay 68; rock 70; clay stones	imestone
SRE Con I " 31 H. Troughton   "   Sep. 30, 1960 4   12   101   26   "   D   Gravel clay 20; stones clay 68; rock 70; clay stones	;limestone
	75;
SRE Con I " 31 M. Clancy D. Wright &Sons Nov.30,1963 5 10 55 30 " D Large boulders gravel clay 78; brown limestone 122.	. Water
SRE Con I " 60 A. Cooper Fratt Bros. Jul.28,1960 4 5 40 36 " D Clay boulders 59;quicksend 60;brown shally limeston limestoner 73. Water at 71.	ne 64;brown
SRE Con I " 60 B. Watts " Oct.19,1961 4 3 60 28 " D Red clay stones 40; brown loase rock 85. Water at 8 SRE Con I " 60 E. Scott " Jun.19,1962 4 6 39 35 " D Clay boulders 40; shally rock 57; brown limestone 61.	
SRE Con I " 60 S. ¥ates " Aug.12,1963 4 7 35 32 " D Clay boulders 65; brown limestone 71. Water at 71.	
SRE Con I "71 H. Gillespie M.S. Bellervy Jul.25,1963 4 5 49 48 " D Brown clay stones gravel 60; medium hard white rock	
SRE Con I " 77 H. Seglins Durham Drillers Dec. 4,1960 4 10 120 84 " S Gravel boulders 60; brown sandy clay 90; hardnan bou	ulders 134;
SRE Con I " 92 B. Bussey Pratt Bros Apr.29,1963 4 7 15 11 " D Sand 18; sand gravel 60; hardpan 65; gravel 66. Water	r at 66.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATI	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
REY COUNTY - C Molland Twp SRE Con II		McKinley	M.S. Bellerby	Jun.16,1963	5	5	24	20	Fresh	מ	Gritty clay stones 64; hard grey limestone 84%. Water from 80
SRE Con III	<b>"</b> 38	Transport	Durham Drillers	Sep.12,1960	4	5	60	54		ם	to 84. Hardman boulders 80; gravel 89; brown limestone 135. Water at
SRE Con III	• 65	W. Tolton	A. Loucks	Oct. 9,1961	4	5	75	63		D,S	125. Stony brown clay 54; soft witte limestone 93. Water from 63
SRW Con I SRW Con I	15 30		M.S. Bellerby D. Wright &Sons	Jul.29,1960 Oct.2, 1963	5	10 12	22 15	18 6		D D	to 93. Sand gravel 30; white limestone 58. Water from 50 to 58. Gmavelly hardnen 40; boulders limestone 95. Water from 70 to 90.
SRW Con I	<b>"</b> 30	R. Pope	*	Oct. 9,1963	5	12	40	26		P	Gravelly herdpan boulders 60; brown limestone 122. Water from 80 to 115.
SRW Con I	<b>"</b> 31	0. Humbecker	L.& A.Wright	Oct. 8,1960	4	12	96	20	•	ם	Clay gravel 20; clay large stones 68; limestone 96. Water at
SRW Con I	• 59	J. Wice	Pratt Bros.	Oct.26,1962	4	6	66	60		ם	90. Large boulders hardpan 40; send grevel 66; brown limestone 92. Water at 92.
SRW Con I	* 60	J. McCenn	*	Jul.29,1961	4	6	35	28		ם	Clay hard boulders 35; quicksand 36; brown loose rock 60; brown limestone 68. Water at 67.
SRW Con I	* 60	B. Sutton	•	Aug. 7,1961	4	4	50	38	•	מ	Red clay boulders 35; sand 36; brown loose rock 67; brown limestone 85. Water at 70.
Ceppel Twp. CR CR CR Con A Con IV Con IV Con V	lot 24 40 26 5 19 18	H. Gravelle Superior Propane J. Mercer M. Casemare	D. Wright &Sons R.&S. Wright D. Wright& Sons	Jul.14,1961 Oct.17,1961 Oct.27,1960 Oct.30,1963 May 1,1962 Jun.1, 1960	5	12 12 12 12	18 50 100 37 30 35	12 20 15 33 18 20	Fresh	D D P D,S	Brown limestone 28. Water at 28. Clay 8; shale 50. Water at 40. Topsoil 10; grey limestone 35; blue limestone 98; red shale 100. Water from 91 to 100. Clay 2; limestone 107. Water at 100. Broken limestone 15; solid limestone 74. Water from 55 to 70. Clay gravel boulders 30; grey limestone 80. Water at 50 and 75.
Con VI Con VIII	18 3 5	R. Yates M. Schnurr R. Hutcheson	Ë	Apr. 1,1961 Nov. 3,1961 Peb.10,1961	5 5 4	10 18 5	5 25 125	Flows 12 40	:	D D D,S	Rock 9; brown limestone 46. Water at 40. Clay 13; bleck limestone 60; brown limestone 84. Water at 75. Clay grovel boulders 10; brown limestone 141. Water at 80 and 125.
Con XII	<b>"</b> 33	J. McLeod	,	Dec.11,1962	5	10	5	Flows		D,S	Clay boulders gravel 20; red blue shale 35. Water from 15 to 30.
Con XIV Con XIV Con XVII Con XVIII	* 22 * 23 * 29 * 14 * 41	J. Brown G. Charlton	R.& S Wright	Jun.23,1960 Jun.18,1960 Jul. 8,1961 Sep. 7,1960 Aug.30,1961	5	12 15 10 15 5	15 12 30 22 30	8 10 16 20 15		D P D,S D,S	Gravel boulders 12; grey limestone 42. Water at 35. Grey limestone 52. Water at 45. Gravel clay 12; brown limestone 76. Water at 60. Clay 5; limestone 52. Water at 47. Topsoil 2; grey limestone 30; blue shale 40; red shale 62. Water from 40 to 62.
Con XIX	" 38	J. Taylor	•	Oct. 9,1962	6	10	35	20	•	D,S	Old well 20; clay stones 222; brown limestone 46; shale 52.
Con XX Con XX Con XXI	1 14	H, Hill W. Patterson S. Wyonch	L.& A. Wright D.Wright &Sons R.& S. Wright	Sep.27,1963 Jun.3, 1963 Sep.12,1961	5 5	5 2 3	108 50 75	17 9 10	:	D, In D N	Clay stones 25: limestone 108. Water at 90. Gravel boulders 9: limestone 50. Water from 40 to 50. Silt 3: limestone 45; shale 48; limestone 64; shale 90. Water at
Con XXIII	* 30	R. Davidson	D. Wright& Sons	Jun.26,1963	6	2	65	22		D,S	86. Loose rock 3;grey limestone 50;blue limestone 65. Water at 60.
Con XXIV	: 13 : 21	H. Wrigley J. McCoy	R.& S. Wright D. Wright &Sons	Sep. 30,1960 Sep. 4,1963	4 7	10 1	40 64	38 19	:	S D	Topsoil 4; grey limestone 32; blue limestone 68. Water at 68. Grey limestone 65. Water from 18 to 24.

	REY COUNTY - co												
	Keppel Twp c	ont.	22	G. McCosg	R.& S. Wright	Oct. 7,1960	4	2	69	20	Fresh	s	Topsoil stones 5;grey limestone 30;blue limestone 56;blue
	GR JR		A 9	G.A.Hunt C. Seigrist		Aug. 8,1962 Apr. 7,1961	5 4	5 4	15 60	10 15	*	D D	shale 60; red shale 69. Water from 60 to 69. Stones clay 4; shale 30. Water at 15 and 25. Sand 5; hardpan 16; clay stones 31; grey limestone 54; red shele 60; blue shale 72. Water at 54.
	ORN Con II ORS Con II	**	37	United Church M. Cruickshank	D. Wright &Sons R.&.S. Wright	May 18,1962 Oct.27,1962	5	10 5	15 20	12 10	:	P D	Clay gravel boulders 14;dark limestone 61. Water at 55. Topsoil boulders 12;hardpan 14;bedrock limestone 33. Water
	ORS Con II	99	8	J. Bell	D.Wright & Sons	Oct.20,1961	5	12	35	28	**	D	at 23. Loose shelly limestone 16; solid limestone 81. Water from
	ORS Con II		9	K. Robinson	M.S. Bellerby	Jul.15,1960	5	11	21	20	*	ם	55 to 78. Clay stones 20; grey white limestone 77. Water from 67 to
	ORS Con II	**	10 16		D. Wright &Sons	May 1, 1961 Sep. 6,1962	5 4	15 10	70	20 14	:	D P	77. Large boulders 26; brown limestone 94. Water at 50 and 80. Clay boulders 14; brown limestone 65; white limestone 70.
	ors con II		24		*	Apr.21,1962	5	12	80	45		D	Water from 60 to 68. Loose limestone 25; hard limestone 121. Water from 80 to 115.
	Neustadt Vlg.												
	Neustadt.			E. Lantz	E.A. Keeso	Apr, 5,1960	4	10		Flows	Fresh	D	Soil 3;gravel 8;clay 22;blue shale 31;b'ue limestone 40, Water at 40.
	Newstadt			N. Fritz	#	Apr. 7,1960	4	10		Flows	**	D	Soil 2;gravel 5; clay 22; "'ue shale 29; blue limestone 47. Water at 47.
	Neustadt			Lutheran Church	**	May 3,1960	Łą.	14	15	14	60	P	Soil 3; shale 39; brown limestone 47. Water at 47.
	Neustadt			J. Sander	eq.	Jul. 9,1960	4	20		Flows	**	D	Old well 13; clay 40; shale 51; blue sand 65; blue shale 83; blue
133	Neustadt Neustadt			W. Hill F. Boettger	Hadco Well Services Ltd.	Aug.17,1962 Jul.20,1963	4 30	7 2		8	**	D, C	limestone 103. Water at 103. Old well 11; clay shale 25; blue limestone 43. Water at 43. Topsoil 3; clay 28; sandy clay 32. Water at 8.
	Normandby Twp.												
	Con II Con II	lot	21 65	H. Ersman C. Flanagan	Pratt Bros. E.A. Keeso	Feb.14,1963 Apr.17,1962		6 11	38 32	30 32	Fresh	D,S	Gravel sand 67; hardpan 69; gravel 69; Water from 69 to 69; Old well 32; clay stones 76; gravel clay boulders 102; hardpan 128: clay 18; hardpan 128: clay 18; hardpan 128: clay 18; hardpan 156; hardpan 128: clay 18; hard
	Con III Con IV	**	24 25	C. Becher R. Weber	Prett Bros. E.A. Keeso	Jul.1, 1960 Feb.7, 1961		5 12	72 82	60 82	**	D,S D,S	128; clay 141; blue shale 156; blue limestone 166. Water at 166, Gravel 35; stony hardhan 115; gravel 116. Water at 116. Old well 20; clay stones 62; sand 94; gravel 108; shale 120; brown limestone 140. Water at 140.
	Con V	99	30	G. Cermount	*	Jul.12,1961	Ł,	12	90	88	**	D,S	Brown clay 27; blue clay 82; blue chale 138; blue brown limestone 147, Water at 147.
	Con VII	*	9	L. Weppler	*	Dec.11,1963	4	12	65	65	**	D,S	Brown clay 31;gravel clay stones 7;blue shale brown shale 72;blue limestone 120. Water at 120.
	Con VII	**	10	A. Weppler		Dec. 3,1963	4	9	60	48	*	s	Old well 27; stony claw 40; brown shale 78; brown blue limestore 120. Water from 87 to 120.
	Con VII Con VIII		23 5	P. Vandera R. Lange	Durham Drillers E.A. Keeso	May 26,1962 Dec. 3,1962	4 4	20 14	25 22	20 21		D,S D,S	Old dug well 30; brown clay 60; brown rock 80. Water at 78. Old well 32; clay 48; gravel stones 84; brown shale 118. Water
	Con IX	*	1	N. Bender	*	Oct.20,1960	4	16	22	21	*	D,S	at 118. Old well 40; bluish brown shale 48; blue limestone 112, Water
	Con IX	*	16	H. Hartman	w	Jun.11,1962	4	12	13	12		D	from 100 to 112. Gravel stones 28; brown shale 36; brown limestone 60. Water
	Con X	100	15	S. Cunningham	Durham Drillers	Nov.29,1961	L;	15	45	52	•	D	from 55 to 60. Topsoil 3;dark brown clay 70;brown limestone 100. Water at 80 and 95.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	N 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
REY COUNTY - co	- cont.										
Con X	lot 16	H. Aylott	E.A.Keesc	Aug.1, 1960		12	28	22	Fresh	D	Gravel clay 14; clay boulders 27; brown shale 34; brown limestone 39; blue limestone 41. Water at 41.
Con X Con X	" 16 " 16	J. Murphy L. Werner	Durham Drillers E.A. Keeso	Oct.12,1961 Jan.22,1962	4	10 14	35 40	28 38	*	D,s	Old well 28;bluish grey limestone 57, Water at 55. Gravel clay 16;brown clay stones 24;brown shale 31;hard brown limestone 68. Water from 55 to 65.
Con X	* 16	H. Hartman		Aug.28,1963	5	7	38	50	*	D	Clay gravel 19; brown shale 34; brown limestone 52. Water
Con XI	* 14	J. Russwurm	*	Jul.27,1961	4	12	100	96	*	D,S	from 50 to 52.  Brown clay 4°;dark shale 46;brown limestone 108;blue limestone 168. Water at 168.
Con XI	<b>*</b> 16	L. Kyte	#	May 1,1963	4	12	51	43	*	D	Sandy topsoil 5; hardban stones 26; brown shale 40; hard brown limestone 94. Water at 94.
Con XI	<b>m</b> 24	s.s.# 6	Durham Drillers	Nov.22,1960	4	10	65	55	*	ם	Topsoil 3; brown clay stones 40; brown limestones 82. Weter from 75 to 82.
Con XII	* 6	G. Hill	E.A. Keeso	May 28,1962	4	12	34	33		D,S	Brown clay 18; gravel stones clay 47; blue clay 71; blue shale 85; blue limestone 86. Water at 86.
Con XII Con XIV	" 23 " 7	A. Becker G. Lantz	Pratt Bros. E.A. Keeso	Oct.26,1960 Jan.25,1961		6 15	21 30	19 13	* Sulphur	D,S D,S	Clay 10; sand 30; brown limestone 75. Water at 72. Old well 6; gravel 29; clay 62; clay sand gravel 76; shale 96; blue limestone 183; brown limestone. Water from 140 to 180.
Con XIV	M 16	G. Kurz	n	Sep.26,1960	4	8	100	92	Fresh	D,S	Old well 26; clay 45; sand 81; blue shale 94; blue limestone 111.
Con XVI	<b>"</b> 11	D. Berstege	11	Aug. 8,1960	4	13	19	18	*	D,S	Mater at 111. Clay 21;hordoan 34;gravel 49;blue shale 64;blue limestone 78. Water at 78.
GRW Con I	<b>"</b> 1	W. Grasby	Durham Drillers	Jul.2, 1963	4	10	42	38	*	D,S	Topsoil 1:hardpan houlders 25:hardpan 40:gravel 52:boulders
GRW Con I	<b>"</b> 3	Durham Drillers		Apr.24,1962	4	15	30	10		P	send 70; brown limestone 90. Water from 72 to 78. Topsoil 3; herepan boulders 53; brown limestone 100. Water at 75.
GRW Con I	" 3	G. Flewelling	*	Apr.11,1963	4	20	10		N	D	Topsoil 5; gravel sand boulders 21; rock 113; grey hard
GRW Con II	" 58	L. Holliday	E.A. Keeso	Nov.23,1962	4	12	38	32	*	D,S	limestone. Water from 90 to 110. Clay 46; sand 84; sandy gravel boulders 102; gravel 106; brown shale 138; blue shale 151; blue limestone 212. Water from 203
GRW Con II	<b>"</b> 59	L. Jackson	Durham Drillers	Aug. 9,1962	4	18	50	35	*	D,S	to 212.  Gravel clay 30; clay boulders 60; quicks and 80; gray clay 100; sand 135; coarse gravel 170; stony yellow sand 180; blue clay
GRW Con III	* 1	A. Mountain	Pratt Bros.	Feb. 4,1963	4	5	65	18	Sulphur	D,S	190; hard blue rock 205. Water from 195 to 202. Clay boulders 40; white limestone 137. Water from 44 to 137.
Osprey Twp.	lot 10	S. Fachnie	Abercrombie & Jackson	Aug.22,1962	14	4	20	15	Fresh	מ	Topsoil 5;grey limestone 50. Water from 49 to 50.
Con A Con VI	" 10 " 10		C. Bartlev Pratt Bros.	May 2, 1963 Mar.31,1961		6	43 36	14 35		ם מ	Tonsoil 7; white limestone 62. Water at 55. Red clay large boulders 38; brown shaly limestone 64. Water
Con VI Con VI	" 10 " 15		A. Loucks	Aug.12,1961 Feb.21,1963		6	41 55	40 50	:	D D	et 48. Previously drilled 41; brown hard limestone 62%. Water at 45, Brown clay gravel boulders 70; red brown limestone 100. Water from 80 to 100.
Con VII Con VII	" 10 " 10	E. Wright	Pratt Bros.	Aug.10,1961 Oct.12,1961	4	6	41 46	39 40	**	<u>م</u> 0	Previously drilled 42; hard limestone 62. Water at 45. Clay boulders 28; dark brown hard limestone 68. Water at 48.
Con VIII	" 11 " 6	S. Lawler K. Hawkins		Nov.12,1962	31	5 2	40 140	40 95	"	D D,S	Clay stones 17; hard brown limestone 60; Water at 54. Hardpan boulders 33; brown limestone 142; white limestone 160. Water at 105.

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	Con		,	lot	16	A. Ottewell	Abercrombie & Jackson	Sep.31,1961	4	6	62	53	Fresh	D	Old well 5;brown limestone 35;light brown limestone 60;brown rock 862. Weter from P3 to 862.
	Con	IX		•	16	J.C. Wright		Oct.1, 1961	6	4	63	54	*	ם	Previously drilled 762; light grey rock 1002. Water from 90 to 100.
	Con	IX		*	16	Toronto Dominion Bank	Pratt Bros.	Aug. 9,1962	5	7	43	36		P	Tonsoil 2; cream coloured limestone 72. Water from 48 to 72.
	Con	XIII		•	35	H. Freethy	C. Bartley	Dec.14,1962	4	8	38	24		D,S	Topsoil 2;brown clay stones 12;hardoan 30;white limestone 52. Water at 50.
	DRN	Con I	II	•	26	G. Franks	Abercrombie & Jackson	May 7, 1962	4	5	30	21	•	D,S	Brown dirt 10;gravel stone 40;fine outcksand 70;fine sand clay fine gravel 98;fine clay 110;fine gravel 115;limestane 121. Water at 121.
	DRN	Con I	III	**	66	W. Potts		Jun.1, 1962	4	12	17	17		D	Olf well 21; stones gravel 41; brown rock 50. Water from 49 to 50.
	DRS	Con I	I.	٠	10	B. McCutchecn	Durham Drillers	May 30,1963	4	15	25	15	•	D,S	Topsoil 3; coerce gravel houlders 50; send clay 75; fine gravel clay 85; gravel 96; brown rock 110; grey rock 135. Water from 125 to 132.
	DRS	Con I	ī.	*	74	C. Priddle		Oct.30,1963	4	8	56	40		D,S	Gravel boulders 26; brown shale 32; white limestone 130; grey rock 137. Water from 100 to 130.
		Con I			21 43	N. Sammons D. Sampson	Pratt Bros. Durham Drillers	Mar. 1,1962 Jun.?5,1962	4	6 20	35 20	21 10		D,S D,S	Clay 4; yellow heripan 64; brown loose rock 74. Water et 73. Topsoil 1; boulders 15; white herd rock 60; brown rock 80. Water from 70 to 75.
	DBS	Con I	III		49	J.Klobuschin- ski		Jul.23,1963	4	18	35	28		D,S	Topsoil 4; boulders 20; send 35; outcksand 40; brown shale 45; hard brown rock 60. Water from 50 to 60.
,,		Con I			51 61	N.H.F. Cameron C. Miller	Pratt Bros. C. Bartley	May 20,1963 Jun. 8,1960	4 4	6 4	7	6	*	D D	Sand 9; creamy soft limestone 26. Water at 26. Brown clay 16; medium gravel 25. Water at 16.
ω,		n Twr			- 1										
•	Con Con	I		lot	17 41	S.S. # 10 E. Mournahan	Durham Drillers G.L. Davidson	Nov. 5,1960 Jun.11,1960	4	10 8	30 22	26 4	Fresh	D D	Hardpan boulders 122; brown limestone 134. Water at 130. Yellow clay sand 8; stony hardpan 32; sand 46; dark grey hard rock 48; buff hard rock 112. Water from 96 to 112.
	Con									Version					
		IA		•	24	E.J. Gorman	Water Well	Apr.26,1962	4	8	25	25	•	D,S	Clay gravel 60:send 70:hardnan 80:gravel 102:brown limestone
	Con				24 26	E.J. Gorman A. Phelan	Water Well Frilling R.H. Gedke	Apr.26,1962 Jan.15,1961	4	8 8	25 30	25 30		D,S D,S	Clay gravel 60; send 70; hardman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sendy silty clay 70; loose brown rock 82; vellow
	Con	IV VII			26 29	A. Phelan J. McIntosh	Prilling R.H. Gadke Durham Drillers	Jan.15,1961 Jul.10,1962	4	8	30 16	30 8	•	D,S	Clay gravel 60; send 70; hardman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sandy silty clay 70; loose brown rock 82; yellow brown rock 133. Water at 130. Boulders 35; hard brown rock 63. Water at 60.
		VII VII		•	26	A. Phelan	R.H. Gadke	Jan.15,1961	4	8	30	30	•	D,S	Clay gravel 60; send 70; hardman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sendy silty clay 70; loase brown rock 82; yellow brown rock 133. Water at 130. Boulders 35; hard brown rock 63. Water at 60. Stony clay hardpan 54; rown limestone 582. Water at 582. Topsoil 3: boulders 20; stony clay 35; soft clay 45; sand gravel
	Con	IX VII VII		:	26 29 39	A. Phelan J. McIntosh J. Dunn	R.H. Gadke  Durham Drillers Pratt Bros Durham Drillers Abercrombie &	Jan.15,1961 Jul.10,1962 Jul. 18,1962	4 4 4	8 20 7	30 16 37	30 8	:	D,S D,S D,S	Clay gravel 60; send 70; hardman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sendy silty clay 70; loose brown rock 82; vellow brown rock 133. Water at 130. Boulders 35; hard brown rock 63. Water at 60. Stony clay hardman 54; brown limestone 582. Water at 582. Topsoil 3; boulders 20; stony clay 35; soft clay 45; sand gravel 57; hard blue rock 78. Water from 70 to 75. Old well 85; light brown rock 115; light gray rock 205; brown
	Con Con Con	X VII VII VII		:	26 29 39 27	A. Phelan J. McIntosh J. Dunn C.A. Jack S.S. # 4	Trilling R.H. Gadke  Durham Drillers Pratt Bros Durham Drillers  Abercrombie & Jackson Hadoo Well	Jen.15,1961 Jul.10,1962 Jul.18,1962 Jul.11,1962	4 4 4	8 20 7 21	30 16 37 30	30 8 27 12	:	D,S D,S D,S	Clay gravel 60; send 70; hardman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sendy silty clay 70; loase brown rock 82; yellow brown rock 133. Water at 130. Boulders 35; hard brown rock 63. Water at 60. Stony clay hardpan 54; rown limestone 582. Water at 582. Topsoil 3: boulders 20; stony clay 35; soft clay 45; sand gravel
	Con Con Con	X X XX AII AII		:	26 29 39 27 8	A. Phelan J. McIntosh J. Dunn C.A. Jack S.S. # 4	Prilling R.H. Gadke  Durham Drillers Pratt Bros Durham Drillers  Abercrombie & Jackson	Jan.15,1961 Jul.10,1962 Jul.18,1962 Jul.11,1962 Jan.30,1961	4 4 4	8 20 7 21 6	30 16 37 30 22	30 8 27 12	:	D,S D,S D,S D,S	Clay gravel 60; send 70; herdman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sandy silty clay 70; loose brown rock 82; vellow brown rock 133. Water at 130. Boulders 35; herd brown rock 63. Water at 60. Stony clay hardpan 54; brown limestone 581. Water at 582. Topsoil 3; boulders 20; stony clay 35; soft clay 45; sand gravel 57; herd blue rock 78. Water from 70 to 75. Old well 85; light brown rock 115; light grav rock 205; brown rock 215. Water from 210 to 215. Topsoil 2; rock brown clay 41, Water at 16. Clay stones 38; gray hardpan 127; white limestone 139. Water
	Con Con Con Con	XII XII XII IV		:	26 29 39 27 8 15	A. Phelan J. McIntosh J. Dunn C.A. Jack S.S. # 4 J.W. Robinson	Tilling R.H. Gadke  Durham Drillers Pratt Bross Durham Drillers  Abercrombie & Jackson Hadoo Well Digging	Jan.15,1961 Jul.10.1962 Jul.18,1962 Jul.11,1962 Jan.30,1961 Sep,24,1963	4 4 4 4 30	8 20 7 21 6 <del>\textstyle{\textstyle{1}}</del>	30 16 37 30 22 38	30 8 27 12 4	:	D,S D,S D,S D,S D,S	Clay gravel 60; send 70; hardman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sandy silty clay 70; loose brown rock 82; yellow brown rock 133. Water at 130. Boulders 35; hard brown rock 63. Water at 60. Stony clay hardman 54; brown limestone 582. Water at 582. Topsoil 3; boulders 20; stony clay 35; soft clay 45; sand gravel 57; hard blue rock 78. Water from 70 to 75. Old well 85; light brown rock 115; light grav rock 205; brown rock 215. Water from 210 to 215. Topsoil 2; rock brown clay 41. Water at 16. Clay stones 38; gray hardman 127; white limestone 139. Water at 138. Topsoil 3; gravel boulders 50; gravel clay 80; sand gravel 90;
	Con Con Con Con Con	XII XII XX X VIII VIII VIII		:	26 29 39 27 8 15 13	A. Phelan J. McIntosh J. Dunn C.A. Jack S.S. # 4 J.W. Robinson G. Christie	Tilling R.H. Gadke Durham Drillers Prett Bros Durham Drillers Abercromble & Jackson Hadoo Well Digging Pratt Bros Durham Drillers Water Well	Jan.15,1961 Jul.10,1962 Jul.18,1962 Jul.11,1962 Jan.30,1961 Sep.24,1963 Oct.31,1961	4 4 4 30	8 20 7 21 6 <del>1</del>	30 16 37 30 22 38 29	30 8 27 12 4 16 28	:	D,S D,S D,S D,S D,S	Clay gravel 60; send 70; hardman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sandy silty clay 70; loose brown rock 82; vellow brown rock 133. Water at 130. Boulders 35; hard brown rock 63. Water at 60. Stony clay hardman 54; brown limestone 582. Water at 582. Topsoil 3; boulders 20; stony clay 35; soft clay 45; sand gravel 57; hard blue rock 78. Water from 70 to 75. 'Id well 85; light brown rock 115; light grav rock 205; brown rock 215. Water from 20 to 215. Topsoil 2; rock brown clay 41. Water at 16. Clay stones 38; gray hardman 127; white limestone 139. Water at 138. Topsoil 3; gravel boulders 50; gravel clay 80; sand gravel 90; hard gray rock 104. Water from 90 to 104. Gravel sand 30; sand 50; gravel sand 70; yellow brown limestone
	Con Con Con Con Con	XIV XII XII XX X XII VIII VIII		:	26 29 39 27 8 15 13 39 2	A. Phelan J. McIntosh J. Dunn C.A. Jack S.S. # 4 J.W. Robinson G. Christie V. Quesnel	Prilling R.H. Gadke  Durham Drillers Pratt Bros Durham Drillers  Abercrombie & Jackson Hadoo Well Digging Pratt Bros  Durham Drillers	Jan.15,1961 Jul.10,1962 Jul.18,1962 Jul.11,1962 Jan.30,1961 Sep.24,1963 Oct.31,1961 Oct.11,1963	4 4 4 4 30 4	8 20 7 21 6 7 6 18	30 16 37 30 22 38 29 60	30 8 27 12 4 16 28 21	:	D,S D,S D,S D,S D,S	Clay gravel 60; send 70; herdman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sandy silty clay 70; loose brown rock 82; yellow brown rock 133. Water at 130. Boulders 35; hard brown rock 63. Water at 60. Stony clay hardman 54; hrown limestone 582. Water at 582. Topsoil 3; boulders 20; stony clay 35; soft clay 45; sand gravel 57; hard blue rock 78. Water from 70 to 75. Old well 85; light brown rock 115; light gray rock 205; brown rock 215. Water from 210 to 215. Topsoil 2; rock brown clay 41. Water at 16. Clay stones 38; gray hardman 127; white limestone 139. Water at 138. Topsoil 3; gravel boulders 50; gravel clay 80; sand gravel 90; hard gray rock 104. Water from 90 to 104. Gravel sand 30; sand 50; gravel sand 70; yellow brown limestone 140; brown limestone 175. Water at 174. Clay stones 47; clay 125; hardman 171; brown limestone 256.
	Con Con Con Con Con Con	XVI XIV XII XII XX XIII XX XIII XIII XI			26 29 39 27 8 15 13 39 2	A. Phelan J. McIntosh J. Dunn C.A. Jack S.S. # 4 J.W. Robinson G. Christie V. Quesnel C. Clark	Trilling R.H. Gadke  Durham Drillers Pratt Bros Durham Drillers  Abercrombie & Jackson Hadoo Well Digging Pratt Bros  Durham Drillers  Water Well Drilling	Jan.15,1961 Jul.10,1962 Jul.18,1962 Jul.11,1962 Jan.30,1961 Sep,24,1963 Oct.31,1961 Oct.11,1963 Mar. 5,1962	4 4 4 4 30 4 4	8 20 7 21 6 <b>T</b> 4 6 18 8	30 16 37 30 22 38 29 60	30 8 27 12 4 16 28 21		D,S D,S D,S D,S D,S D,S D,S	Clay gravel 60; send 70; herdman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sandy silty clay 70; loose brown rock 82; yellow brown rock 133. Water at 130. Boulders 35; hard brown rock 63. Water at 60. Stony clay hardpan 54; brown limestone 582. Water at 582. Topsoil 3; boulders 20; stony clay 35; soft clay 45; sand gravel 57; hard blue rock 78. Water from 70 to 75. Old well 85; light brown rock 115; light gray rock 205; brown rock 215. Water from 210 to 215. Topsoil 2; rock brown clay 41. Water at 16.  Clay stones 38; gray hardpan 127; white limestone 139. Water at 138. Topsoil 3; gravel boulders 50; gravel clay 80; sand gravel 90; hard gray rock 104. Water from 90 to 104. Gravel sand 30; sand 50; gravel sand 70; yellow brown limestone 140; brown limestone 140; brown limestone 125; water at 174. Clay stones 47; clay 125; hardpan 171; brown limestone 256. Water at 255. Topsoil 3; gravel boulders 20; sand fine gravel 45; coarse
	Con Con Con Con Con Con Con Con	XVI XIV XII XII XX XIII XX XIII XIII XI			26 29 39 27 8 15 13 39 2	A. Phelan J. McIntosh J. Dunn C.A. Jack S.S. # 4 J.W. Robinson G. Christie V. Quesnel C. Clark C. Harrison	Tilling R.H. Gadke  Durham Drillers Pratt Bros Durham Drillers Abercrombie & Jackson Hadoo Well Digging Pratt Bros  Durham Drillers  Water Well Drilling Pratt Bros	Jan.15,1961 Jul.10,1962 Jul.18,1962 Jul.11,1962 Jan.30,1961 Sep.24,1963 Oct.31,1961 Oct.11,1963 Mer. 5,1962 Sep.10,1963	4 4 4 4 30 4 4	8 20 7 21 6 VI	30 16 37 30 22 38 29 60 50	30 8 27 12 4 16 28 21 47		D,S D,S D,S D,S D,S D,S D,S	Clay gravel 60; send 70; hardman 80; gravel 102; brown limestone 137. Water at 136. Clay stones 35; sandy silty clay 70; loose brown rock 82; yellow brown rock 133. Water at 130. Boulders 35; hard brown rock 63. Water at 60. Stony clay hardman 54; brown limestone 582. Water at 582. Topsoil 3; boulders 20; stony clay 35; soft clay 45; sand gravel 57; hard blue rock 78. Water from 70 to 75. 'Id well 85; light brown rock 115; light grav rock 205; brown rock 215. Water from 210 to 215. Topsoil 2; rock brown clay 41. Water at 16. Clay stones 38; gray hardman 127; white limestone 139. Water at 138. Topsoil 3; gravel boulders 50; gravel clay 80; sand gravel 90; hard gray rock 104. Water from 90 to 104. Gravel sand 30; sand 50; gravel sand 70; yellow brown limestone 140; brown 'limestone 175. Water at 174. Clay stones 47; clay 125; hardman 171; brown limestone 256. Water at 255.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION	L i	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - co											
Proton Twp co Con XVIII Con XVIII	ont. lot 14 11		Pratt Bros. Durham Drillers	Dec. 2,1963 Aug. 5,1961	4	6 10	50 22	49 15	Fresh	D,S	Gravel 30; sand 105; hordown 140; shaly rock 150. Water at 150. Topsoil 2; clay 30; sand 55; gravel 73; sand 100; gravel 102;
SRW Henge I	" 195		m	Aug.30,1963	4	10	55	27		D,S	limestone 120. Water at 118. Open hole 15; clay gravel 30; sand gravel 38; clay fine gravel
SRW Range I	" 217	S. Teicht	A. Loucks	Sep.11,1963	5	15	40	20		D,S	50; fine gravel 64; grey rock 100. Water from 80 to 100. Old well 26; yellow hardpan gravel 100; limestone 110.
SRW Range II	" 191		2 2			_	,			_	Water from 100 to 110.
SRW Range II SRW Range III	" 233 " 193		Pratt Bros	Jul.15,1963 Mar. 8,1962 Nov. 9,1960	4	8 6 6	6 20 15	1 19 13	"	D,S D,S	Clay boulders 59; white limestone 73. Water at 73. Clay stones 26; harapan 73; loose limestone 92. Water at 91. Clay stones 72; blue clay 77; brown limestone 86. Water at 86.
St. Vincent Twp.											
Con II	lot 7	J. Ormsby E. Carefoot	D. Wright& Sons Abercrombie & Jackson	Oct.21,1961 Oct.18,1961		4	80	12	Fresh	D,S	Topsoil 4; blue red shale 84. Water at 14 and 64. Prown clay 12; red clay 82; soft hive shale 92; hard hive shale 285. Pr hole.
Con II	* 8		# H	Oct.20,1961	61/2	10	14	10	w	D,S	Brown clay stones 1°; blue shale 21; brown shale 40. Water from 19 to 22.
Con III	* 1	D. Sullivan	D, Wright &Sons	Jun.28,1961	5	16	45	30	Ħ	D,S	Clay 4; loose shale 16; solid limestone 40; blue shale 47; red shale 117. Water from 70 to 20 and from 100 to 105.
Con III	• 9	D. Almond	Abercrombie & Jackson	Jul.12,1962	62	4	40	18		D,S	Red clay 20; hlue shale hardpan 50. Water at 18.
% on VI	* 21	E. Greenfield	" ackson	Sep.12,1962	61/2	6	20	10	*	D,S	Brown send clay 25; grey clay 40; grey hardnen 140; brown sendstone rock 169; grayel 170. Water from 169 to 170.
Con VI Con VI Con VII	" 22 " 22 " 10	W. Wrenn	R.& S. Wright	Sep.10,1960 Nov. 1,1961 Oct.16,1962	4	10 8 15	7 60	Flows	* * * * * * * * * * * * * * * * * * * *	D D D,S	Old well 9; sendy clay 105. Water at 105. Clay 72; coarse send 75. Water at 75. Sandy soil 10; clay stones grey clay 90; grey clay 108; gravel
Con VII Con IX	" 13 " 9	G.M.Shouldice G. Rowlandson	A. Loucks	May 5, 1963 Jun. 5,1963	5 4	5 4	45 125	30 40	" "	D S	110. Water at 110. Brown clay houlders 65; sand gravel 76. Water from 65 to 76. Brown clay boulders 20; grev clay 115; blue shale 160. Water t at 115 and 159.
Con IX Con X	" 13 " 10		"	Oct. 2,1963 Dec.14,1961		10 2	120 130	70 100	* Sulphur	D,S D,S	Brown clay gravel 163; gravel 171. Water from 163 to 171. Brown clay boulders 48; grey clay 135; sand 150; blue clay 214; grey shale 265. Water at 265.
Con X	* 14	W. Mills	Abercrombie & Jackson	Dec.20,1960	6	61	40	40	Fresh	D,S	Topsoil 2; sandy clay 40; clay stones 105; gravelly clay 120; clay 199; gravel 190. Water at 190.
Con XI Con XII	" 21 " 10		D. Wright &Sons A. Loucks	Aug.25,1960 Sep.25,1961	4	15 4	40 61	25 35		D,S D,S	Clay 29; limestone 60; hlue shale. Water at 55 and 90. Brown clay boulders 140; pink clay 240; sand 248; gravel 257. Water from 248 to 257.
Sarawak Twp. Con I	lot 22	P. Bumstead	A. Loucks	Aug. 6,1963	4	7	60	44	Fresh	D,S	Red clay boulders 40; red blue shale 90; grey limestone 102.
Con I Con II Con II	" 23 " 6	H. McLeod G. Baillie J.A. Marshall	D.Wright &Sons R. & S. Wright	Jul.31,1963 Sep. 2,1963 Nov.10,1960	5	15 5 10	25 20 50	20 12 25	:	D,S D	Water from 90 to 102. Clay grevel 20;grev limestone 58. Water from 50 to 58. Clay send 45;gravel 55. Water at 50. Dark topsoil 10;sand stones 23;grey clay 30;red hardpan 35;
Con II Con II	7 9	R. Keeling E. Urstadt	D. Wright &SOns		5	5 2	25 78	12	:	D D	grey limestone 63; hard blue shale 75. Water at 75. Clay sand 28; limestone 67. Water at 60. Topsoil 2; yellow sand 10; clay 28; bedrock 60; blue shale 70;
Con II	" 24	L. Corbett	•	Jun.14,1962	5	10	25	50	•	D	red shale 78. Water at 70. Gravel clay 6; limestone 40; blue shale 47; red shale 71. Water from 45 to 62.

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(	GREY COUNTY - Sarawak Twp.		. 1			1		1 1					
	Con II	10	27	East Linton United Church	D. Wright & Sons	Oct.12,1961	5	3	60	25	Fresh	P	Coarse gravel 13; brown limestone 45; blue shale 50; red shale 74. Water at 45 and 70.
	Con II		28		L. & A. Wright	Jun.30,1960	4	1 t	41	18	•	D	Soil broken stones 12; limestone 33; blue shale 43; red shale 65. Water at 33 and 43.
	Con III	*	2	J. Sipes	R.& S. Wright	Sep.17,1963	5	15	35	15	•	D	Brown sendy soil 5; grey clay stones 38; grey sand 63; red shale 66; fine gravel 68. Water at 67.
	Con III Con III Con III	**		D. McBride E. Johnson M. Cole	D. Wright &Sons	Oct. 6,1962 Dec.19,1961 Jun.21,1961	5 5 5	3 {\frac{1}{2}}	30 80 79	10 24 30		D N D	Heavy clay 23thlue limestone 34thlue shale 37. Water at 34. Gravel 10; red shale 40; blue shale 80. Water from 40 to 80. Gravel boulders 30; gravel 45; red shale 80. Water from 40 to 45.
	Con III Con III Con III	*	17 21 21	L. Edmonston	R.& S. Wright D. Wright &Sons	Oct.14,1962 Sep. 8,1961 Nov.30,1961	5 4 7	10 1 18	35 40 20	35 10 12	*	D D P	Grovel 45; boulders red shale 91. Water at 80. Grey limestone 20; blue shale 30; red shale 45. Water at 35. Gravel 25; red shale 60. Water from 45 to 50.
	Con III Con III	*	28 35	E. Hinds	R.& S. Wright	Sep.25,1961 Jun.21,1962	6	2 2	25 88	6 36	*	D D	Red blue shale 40. Water at 15. Small stones 5; brown limestone 19; blue shale 35; red shale 92. Water at 45.
	Shallow Lake Shallow Lake	Vlg.		B. McComb United Church Parsonage	D.Wright & Sons	Jun.26,1960 Feb.13,1962	4 5	15 5	10 25	8 12	Fresh	D D	Clay gravel boulders 10; limestone 40. Water at 35. Clay boulders 14; orev limestone 62. Water from 35 to 55.
13	Shallow Lake Shallow Lake			H. Turner W. Shouldice	R.& S. Wright D. Wright & Sons	Mar.30,1962 Apr.23,1962	5 5	18 12	60 56	50 56	*	D	Shaly limestone 3; brown limestone 120. Water at 116. Shaly rock 5; grey limestone 129. Water at 115 and 120.
7	Sullivan Twp.		t 31	A. Vasey	D. Wright & Sons	San 2 1063	_	_	30	12	Fresh	D	Clay boulders 20; red shale 90. Water from 60 to 80.
	GRW Con I	**	3	J. Jordison	R.& S. Wright	Sep. ?,1963 Nov.16,1960	5 4	5	75	50	Tiesh	D	Gravel send 6; hardpen 20; big stones gravel 30; grey clay stones 36; grey limestone 55; blue limestone 75; shaly grey limestone 85. Water at 85.
	Con I		20	R. Wark	L.H. Weirmier	Jun. 2,1960	4	8	18	18	*	D	Stones clay gravel 25; clay gravel 37; shale 47; brown bedrock 50. Water at 50.
	Con I	m	20	E.&E. Seegmiller Ltd	A. Loucks	Jul.29,1963	4	15	40	31	#	D	Boulders gravel 45; limestone 81. Water from 70 to 81,
	Con I	w	24		198	Jul. 2,1963	4	12	35	30	"	D,S	Brown clay gravel boulders 53; limestone 65. Water from 60 to 65.
	Con I	*	26	E. Gibbons	R.& S. Wright	Sep.27,1961	5	10	40	36		D	Send 10; hardpan stones 30; boulders 40; hardpan stones 80; gravel 81. Water at 80.
	Con III Con III	*	7 25	A. Kraser L. Janke	#	Nov.19,1962 Nov.23,1962	4 5	5 15	60 100	30 60	#	D,S	Hardpen stones 39; grey limestone 103. Water at 100. Stones gravel 24; brown stity clay stones 88; silty clay 118; brown limestone 146. Water from 140 to 146.
	Con III	,	29	J.P. Vesey	•	Jul. 2,1962	5	8	90	66		D,S	Old well 20; clay small stones 94; grev limestone 111. Water at 100.
	Con IV	*	22	J. Wilson	Durham Drillers	Apr.11,1963	4	20	50	30		D	Topsoil 4; fine sand 20; sandy clay 60; coarse sand 120; gravel 128. Water from 100 to 127.
	Con V		23	E. Heidemann		May 29,1961	4						Cley boulders 35; sand boulders 80; gramel 91; cemented sand.  Dry bole.
	Con ♥	**			*	Jun. 1,1961	4			58	Person	D.S	Old well 22; sand 50. Dry hole. Clay boulders 10; sand boulders 69; gravel 70. Water at 70.
	Con VI	"	8	A. Lemb	D. Wright &Sons	Jun. 9,1961 Oct. 5,1963	5	5	65 15	10	Fresh	D	Clay gravel boulders 30; b'ue shale 35; red shale 46. Water
	Con VII	*	12	0. Maulske	L.& A. Wright	Apr.22,1963	5	6	100	15	*	D	from 25 to 30. Soil 4; white limestone 155. Water at 150.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY -											
Sulliven Twp.	- cont.	A. Smith	A. Loucks	Aug.16,1963	7	12	38	20	Fresh	מ	Gravel stones boulders 4; white limestone 125; gray limestone
Con VII	<b>"</b> 13	C.C. Coxon	R.& S. Wright	Aug.20,1962	5	5	100	40		D	140. Water from 125 to 140.  Sendy soil stones 22:grey limestone 110. Water at 90 and 108.
⊙n VII	" 22	Morrell Mair	L.H. Weirmier	Jul.4 ,1960	5	4	52	48	•	D,S	Stones clay ?2;red clay stones 35;grev clay 45;red clay stones 65;grey clay R5;sand gravel 113;brown rock 138. Water at 138.
Con VII	* 24		D. Wright & Sons	Nov.27,1962		10	9	8		P	Gravel sand 58; brown limestone 96. Water at 90.
Con IX	" 1 " 27	L. Cook W. McDoneld	R.& S. Wright Durham Drillers	Aug.30,1962 Jul,15,1961		18	25 20	18 17	÷	D,S	Topsoil stone 16; creamy limestone 36. Water at 34. Fill 5; sand boulders 30; gravelly hardnen 26; brown
Con IX	<b>"</b> 28	M. Yoder	•	Jul.19,1961	4	5	120	30	•	D,S	limestone 100. Water at 95. Topsoll 4;hardpan 70;sand grovel 95;brown limestone 120; grey limestone 150. Water at 110 and 140.
Con X	<b>"</b> 21	D. Botma	A. Loucks	Nov. 2,1963	4	10	45	18		D,S	Yellow hardpan boulders 70; limestone 76. Water from 70 to 86.
Con X	* 27	G. McDoneld	Durham Drillers	Jul.24,1961	4	3	170	30	*	D,S	Hardpan boulders 97; white limestone 240. Water from 170
Con XI	<b>"</b> 30	J. Ployd		Jun.26,1961	4	10	60	38	•	D,S	to 230. Boulders sand gravel 50; brown limestone 156. Water from
Con XII	* 7	J. McGregor	R.& S. Wright	Nov.28,1963	4	10	30	8		s	140 to 150. Topsoil stones 4; shaly grey limestone 14; white limestone 98;
Con XIII	. 21	J.D. Thompson	G.L. Davidson	Aug. 9,1963	4	10	33	8		D,S	Water from 65 to 98. Tonsoil 1; stones gravel 5; haranan stones 63; bluish brown
Con XIII	* 27	A. Sulkye	L.H. Weirmier	Oct.14,1960	4	12	50	30	#1	D	soft shale 86. Water at 86.  Bed clay 25;grey clay 45;grey clay stones 84;sand gravel
GRW Con I	• 2	K. Morrison	A. Loucks	May 12,1962	4	5	60	50	*	ם	87;grey rock 89. Water at 89. Brown clay houlders 38;brown limestone 82. Water from 70
GRW Con I	* 8	J. Duggan	*	Jul.20,1963	5	5	90	10		D,S	to 82. Brown clay gravel boulders 75; grey limestone 132. Water
GRW Con I	" 10	E. Dixon	*	Jun.25,1963	4	10	40	25	•	D,S	from 130 to 132.  Brown clay grevel boulders 30; grey limestone 56. Water from 50 to 56.
ydenham Twp.	1ot 34	A. Reilly	A. Loucks	Apr. 3,1963	9	6	8	6	Fresh	D	Till 2:sand 6:red shale 20:green shale 40. Water from 30
									. resn		to 40.
CRN Con I	* 4	munity Centre	D.Wright & Sons	Aug.30,1960		2	80	8	***	P	Clay 3; limestone 40; blue shale 46; red shale 85. Water at 40 and 75.
CRN Con I	<b>4</b>	J. Greig	R.& S. Wright	Sep.20,1960	4	3	100	28	•	D	Topsoil 1; white limestone 32; blue hard shale 40; red hard shale 90; grey hard shale blue shale 100. Water from 32 to 90.
CRN Con I	* 12	J.R. Kellough	D. Wright & Sons	Jun.21,1962	5	5	50	14	•	D,S	Clay boulders 18; limestone 53; blue shale 60; red shale 100.
CRN Con II	* 18	M. Brainard	1=	Sep.10,1961	4	1	74	10	•	D	Clay 3; brown 1 mestone 45; blue shale 50; red shale 78. Water at 70.
CRS Con I	" 12 " 25	L. Edwards F.J.Partridge	L.&A. Wright	Sep.16,1962 Jul,28,1962		5 1	60 175	25 72	:	C D,S	Shale 40; blue shale 46; red shale 80. Water from 40 to 70. Clay stones 26; limestone 84; blue shale 94; red shale 170; blue shale 175. Water at 84.
Con B	* 33	B. Ried	D. Wright &Sons	Apr.11,1962	5	12	20	12		D	Soil 1; shale 15; blue shale 22; red shale 71. Water from 50 to 60.
Con B	. 33 . 34	D. McKinnon C. McFadden		Jul. 6,1962 Sep. 7,1962		10 10	30 15	12 8	•	D, C	Bed clay 10; red shale 94. Water from 60 to 85. Old quarry 18; blue shale 23; red shale 80. Water from 50 to
Con C	" 33	D. Levens	R.& S. Wright	Jun.24,1960	4	5	25	15		D	Grey clay 10; white limestone 32; blue shale 53. Water at

.

	NEY COUNTY - cor Sydenham Twp Con I	cont			Lay co ck	R.& S. Wright	Jul.12,1961	4	20	38	20	Fresh	D,S	Domb south call Okabara also shares he man limestone 66
			15		-					90		rresn		Dark sandy soil 25; brown clay stones 47; grey limestone 66. Water at 65.
	Con II			G.		A. Loucks	Sep.15,1961	4	3		110		D,S	Brown clay boulders 150; pink clay 185; sand gravel 190; pink clay 390; sand gravel 400. Water from 390 to 400.
	Con II Con VI		111	R. D.	McCutcheon Lourie	D.Wright & Sons R.& S. Wright	Nov.22,1961 Jun. 7,1961	5	12 5	25 38	11 40	:	D,S D	Shale 18; blue shale 24; red shale 70. Water from 20 to 60. Hardpan clay 15; sandy clay 32; hard grey clay 58; gravel
	Con VIII	•	2	О.Н	. Persuson	L.A. Wright	May 5, 1961	5	6	110	Plows		D	coarse sand 60. Water at 60. Sandy clay 47; clay large stones 90; blue clay 100; fine grave
	Con VIII		11		Conred	D.Wright & Sons	Jun.10,1961	5	15	50	40		D,S	sand 110. Water at 105. Brown clay 26; grey brown limestone 126; blue shale 132; red
	Con VIII		22		Paju	• Starright & Solis	Aug.18,1960	4	- 1	-	20		D, 5	shale 157. Water at 120 and 135.
	Con IX	•	2		Ypung	A. Loucks	Jun. 6,1961	4	5 2	55 145	115	•	D,S	Limestone 16; blue shale 23; red shale 62. Water at 40. Old well 40; brown clay 150; gravel 154. Water from 151 to
	Con XI	•	13	G.	Greve	D. Wright &Sons	Apr.23,1962	4	12	25	16		D	154. Clay 4:limestone 47;blue shale 52;red shale 67. Water from 45 to 60.
	Con XII	:	4	8.8	Hamilton ydenham ool Area	R.& S. Wright	Sep.15,1961 Aug.11,1962	5	12 20	28 22	10 20	:	D P	Clay boulders 12; grey brown limestone 81. Water at 75. Sandy soil stones 22; brown limestone 62. Water at 57.
	Con XII		8	W.A	. Waterton		Oct.11,1961	5	10	18	5	*	D	Black loam 1; blue limestone 50. Water at 35.
	Con XII		9		Downey Cunningham	D.Wright & Sons R.& S. Wright	Jun.13,1961 Aug.10,1960	5	10 1	35 74	5 15	÷	D	Clay 1; white limestone 35; brown limestone 50. Water at 40. Topsoil 1; white limestone 65; blue clay shale 68; red clay
	Range V		6	J.	McRae	D, Wright & Sons	Nov.22,1960	4	1	65	12	*	С	shale 74. Water from 50 to 65. Fill 6;grey limestone 35;blue shale 42;red shale 70. Water
H	Range V		6	J.	McMaster		Nov.25,1960	4	3	63	7		D	at 35. Clay 1; grey limestone 32; blue shale 38; red shale 66. Water
9	Range VI		5		'sWrecking	*	Aug. 14, 1960	4	5	40	20		c	at 32. Clay 5; limestone 50; blue shale 55; red shale 73. Water from
	SP		c		Yard Stratton			4	2		8	W4 1		40 and 65.
	or .	,	Ü	٠.	otratton		Sep.23,1960	4	-	30	°	Mineral	,	Gravel 7; shale 25; blue red shale 36. Water at 25.
1	hornbury			E.	Madill	Abercrombie & Jackson	Nov. 7,1960	6 <del>1</del>	10	12	'1	Fresh	D	Clay stones 20; fine sand 24; clay stone sand 60; clay gravel 61; coarse gravel 61;. Water from 61 to 61;.
7	hornbury			M.	McClunky	•	Dec. 1,1961	6 <del>1</del>						Clay boulders 30; clay gravel 34; sand clay 55; dark brown shale 90. Dry hole.
Ħ	LDIMAND COUNTY													
	aledonia Town		ĺ		Anderson	R.D. Featherstone	Wa- 14 1060	4	,	20	26	Decah	D	South less Schles sles Of sles and sweet 20hobele
									1	39		Fresh		Sandy loam 8; blue clay 26; clay send gravel 272; shale limestone 392. Water at 38.
	Caledonia Caledonia			G.		F. Ince R.J. Gilbertson	Sep.28,1960 May 2,1961	6	14 3 8	10 50	30	Sulphur		Brown loam 2; blue clay 12; medium gravel 20. Water at 20. Grey clay 20; gravel 30; grey limestone 65. Water at 60.
	Cal edonia			W.J	.Botwright	J. Wickett	Jul.16,1962	6	8	33	32	Fresh	D	Brown clay 6; grey clay 31; hard grey limestone 44. Waster at 34.
	Cal edonia			E.	Anderson		Jul.21,1962	5	5	33	33		D	Brown clay 6; grey clay 30; hard grey limestone 40. Water at 35.
														22.
	Canborough Indian													
	IR	lot		J.	Vogel	E.A. Ricker& Sons	Jun.27,1961	6	8	24	24	Fresh	D	Sandy clay a; blue clay 55; red clay 65; hardpan stones 75; gravel 76. Water at 75.
	*					The second second second						-		

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION	( i	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNTY Canborough India Reserve	n										
IR	lot 1	Christian Reform Church	E.A. Ricker &Sons	Aug.28,1961	6	7	26	24	Fresh	P	Sand 8; blue clay 40; red clay 60; blue clay harapan 80; gravel 84. Water at 80.
IR	w 2	G. Freeman	Caughill Bros.	Jun.17,1960	6	9	30	12	•	С	Clay 75; sand 78; shale 79. Water at 78.
Canborough Twp.	lot 10	R. Schwoob	Thompson &Fralick	Sep.16,1961	4	8	25	25	Fresh	s	Black muck 2; yellow clay 18; blue clay 48½; shale 50½. Water at 49.
Con II	* 14	F. Majur	S.W. Merritt	Sep.30,1962	6	16	26	23		S	Clay 38; boulders grovel clay 52; clay 65; sand 67. Water at 67.
Con III	" 1	H. Glenney	Thompson& Fralick	Sep.19,1961	4	15	22	18	Sulphur	S	Black muck 2; yellow clay 9; blue clay 57; shale 64. Water at
Con III	* 12	H. Mellick	R. Swayze	Oct.18,1963	6	20	23	20	Fresh	s	Yellow clay 30;grey clay 41;limestone 50. Water at 45.
Cayuga Vlg. Cayuga Vlg.		E. Donison	B. Helka	Nov.24,1960	6	30	25	24	Sulphur	P	Brown clay 28; brown limestone 31; blue shale 36. Water at 34.
Dunn Twp. Con IV HT F RRNCon I	lot 8 * 8 * 11 * 9	M.Giangregorio J.Werkmann H. Fess B. Stubbins	F. Ince M. Culver & Son D. Thompson	Jul.21,1961 Sep.22,1960 Jun.29,1961 Oct. 5,1961	6	3 6 14 15	41 27 32 28	15 27 32 20	Fresh Sulphur Fresh	S S D	Brown clay 2; blue clay 27; flint 41. Water at 38. Clay 18; flint 23; brown limestone 54. Water at 52. Clay 12; grey limestone 55. Water at 54. Yellow clay 2; broken shale 9; shale limestone 46. Water from 38 to 46.
ST ST	* 9 * 10	R. Snively K. Ricker	E.A.Bicker &Sons	Oct.1, 1962 Jul. 1,1961	6	5 10	32 20	10 19	:	D,S D	Brown clay stone 7; limestone 32. Water at 31. Stony grey clay 5; loose grey limestone 16; grey limestone 26. Water at 25.
Dunnville Town Dunnville Town Dunnville **		A. Lamberton M. Douos	M. Culver & Son E.A. Ricker & Sons	Jul.4, 1960 Aug.22,1962	6	17 12	13 12	13 12	Fresh	D D	Clay 4; sand 10; clay 92; gravel 93. Water at 93. Fine sand 10; yellow clay 40; red clay 65; blue clay 92; coarse gravel 94. Water at 92.
Hagersville Vlg. Hagersville *		P. Bier	B. Helka	Dec.17,1960	6	5	70	57	Fresh	D	Shale 7;flint limestone 36;dolomite limestone 78;brown limestone 85;brown grey limestone 90;blue limestone
Hagersville "		W. Davidson		Nov.17,1961	6	5	65	42		D	gyosum 102. Water at 47, 78 and 92. Shale 5; flint cherts 36; dolomite limestone 75; brown
Hagersville "		J. Dalimonte	E.A. Mitchell	Jul.17,1963	6	5	40	27		D	limestone 82. Water at 45 and 70. Brown clay 4; flint 25; brown grey limestone 76. Water at
Hagersville "		J. Fava		Aug.15,1963	6 <del>1</del>	5	38	25	*	D	30, 57 and 74. Brown clay 4; shale 4; flint 25; shale brown limestone grey
Hagersville "		B. Dangelo	•	Oct.11,1963	6 <del>1</del>	2	120	60	Sulphur	D	limestone 81; Water at 57 and 78. Clay shale 7; flint 30; grey brown limestone 75; shale brown limestone 128. Water at 74, from 90 to 106 and from 120 to 128.
Jarvis Vlg. Jarvis		Can.Bank of Commerce	R. Swayze	Feb.19,1960	6	10	35	30	Fresh	P	Clay 32;flint 55. Water at 52.
Jarvis *		.0000		Mar. 1,1960	6	3	43	19		D	Clay 17; flint 45. Water at 40.

HALDIMAND COUNTY Jarvis Vlg co Jarvis "		D. Phipps W. Cassidy J. Peresky R. Fields Public School T. McBride R. Cassidy I. Smelser W. Keen	R. Swayze I. Smelser R. Swayze I. Smelser R. Swayze	Jun. 8,1940 Jul.12,1960 Aug. 2,1960 Oct.25,1960 Nov.30,1960 Sep.15,1961 Sep.27,1961 Nov.15,1962 Dec.12,1962	6666786676	282461266	63 42 355 65 65 565 45	30 26 32 38 39 36 23 46 21	Fresh		Clay 14; flint 66. Water at 64.  Grey clay 17; flint 46. Water at 42.  Grey clay 26; flint 53. Water at 50.  Grey clay 16; grey flint 57. Water at 55.  Grey clay 24; grey flint 90. Water at 86.  Grey brown clay 20; flint 65. Water at 36.  Clay 10; flint 55. Water at 49.  Grey clay 18; flint 95. Water at 88.  Brown clay 17; flint 50. Water at 47.
Moulton Twp. CF Con II	lot 19	T. Rinker	Caughell Bros.	Oct.17,1960	6	20	30	15	Sulphur	s	Grey clay 75; hardpan 80; clay 85; sand clay gravel 97; hard grey rock 110. Water at 85 and 108.
Con II	- 14	D. Emerson	E.A.Ricker & Sons	May 25,1962	6	8	12	12	Fresh	ם	Brown clay 50; red clay 65; blue clay 73; hardpan stones 95;
GRFR Con I	<b>"</b> 20	M. King		Sep.15,1962	6	12	8	8		ם	medium gravel 87. Water at 87. Fine sand 5; yellow clay 45; red clay 70; blue clay 100;
GRFR Con II	* 8	B. Clayton	M. Culver & Son	Jan. 9,1961	5	40	18	18	**	ם	quicksand 110; sandy gravel boulders 129. Water at 129. Light sandy soil 4; grey clay 70; grey clay pebbles 90;
GRFR Con II	<b>"</b> 8	M. Aikens	<b>H</b> 1	Jul.13,1961	5	10	18	18		D	gravel 93. Water at 93. Grey clay 90:gravel 94. Water at 94.
GRFR Con II LEF Con I	. 8 . 1	K. Acker R.A. Saunders	S.W. Merritt	Mar.20,1963 Apr. 5,1961	5 6 5	16 16	35 25	5 17	*	D D	Grey clay sand 80; sand 91, Water at 90. Grey clay 40; sand 50; sand silt 55; quicksand 100; hard sand
LEF Con I LEF Con II LEF Con III	" 10 " 10 " 3	C. Samson C. Reger J. Landawitch	L. Hallborg D. Thompson	Jul.23,1960 Aug.18,1960 Apr.21,1961	5 5 5	5 2 5	40 35 15	15 8 7	Sulphur Fresh	D D,C	160; clay sand 168; fine sand 170. Water at 170. Clay 18; dark grey flint 65. Water at 65. Clay 14; flint 35. Water at 35. Sand 9; grey clay 37; red clay sand 122; red clay sand stone 142; red clay sand 149; sand 150. Water at 150.
North Cayuga Tw		D 04-12	7 B 111 111 11	v o( 10/2	_						20.5. 20.04
JT JT	lot 2	B. Steele P. Westfall	J.F. Wickett E. Stewart	Nov.26,1963 May 13,1960	5 7 6	10 15	61 20	61 20	Fresh	D,S	Sandy clay 1; grey limestone 73. Water at 61. Surface clay 35; soft rock 53. Water at 35 and 53.
JT JT	" 5 " 13	0. Edwards	E. Culver G.J. Wallis	Mar.27,1963 May 7, 1963	6	28 14	14 39	7½ 37		D D	Clay stone 1; soft grey limestone 24. Water at 22. Brown clay gravel 21; grey gravelly clay 41; soft grey shale
		Ser in Manager (Congress)						-			gravel 45g. Water from 41 to 45.
TRN Con I TRN Con I	" 13 " 13	M. Moodle Ont.Dept. of	E.A. Ricker &Sons	Aug.15,1960 Nov.14,1962	6 6	10 33	15 34	14 34		D,S	Grey red clay 59½;gravel 60. Water at 59. Blue clay 32;hardman stones 38;brown limestone shale 59. Water at 53.
TRN Con I	" 24	Highways W.T. Oster	Cross Bros.	Feb.16,1961	6	5 22	48	48		s	Topsoil 2; brown clay 48; grey limestone 60. Water at 60.
TRN Con I	* 39	K. Bell	E. Culver	Jul.17,1962	5		35	27		S	Clay 10; hard brown limestone 31; soft shale 33; hard brown limestone 40. Water at 32.
TRN Con I	* 46	B. Duxbury	Cayuga Quarries Ltd.	Jun.25,1960	6	5	40	39	Sulphur	С	Brown clay 12;flint 18;grey limestone 55;blue shale 60; grey limestone 80;grey limestone gypsum 94. Water at 35, 75 and 88.
TRN Con I	" 47 " 51	H. Vanderburg J. Mehlenbach-		Oct.16,1962 Apr.15,1963	6	20 16	30 45	27 33	Fresh	D,S	Old well 35; limestone 60. Water at 57. Brown clay 4; grey clay fine perbles 9; flint 49; grey
TRN Con I	* 51	er	7	May 6, 1963	6	16	40	26		s	limestone 65. Water at 60.
TRN Con I	" 55	R. Hoovenga	R.J.Gilbertson	Feb.11,1961	51	5	20	15		D,S	Old well 45; flint, 47; grey limestone 65. Water at 59. Old well 16; brown limestone 56. Water at 50.
TRS Con I	<b>23</b>	K. Armstrong	Cross Bros.	Feb. 8.1961	51	5	40	40		S	Topsoil 2: brown clay 41; grey limestone 50. Water at 50.
TRS Con I	* 23	,		Feb.13,1961	6	5 5 5	40	40		D,S	Topsoil 2; brown clay 41; grey limestone 50. Water at 50.
TRS Con I	" 34	A. Young	R. Swayze	Jan. 27, 1962	6	25	36	36	•	Ď	Brown grey clay 39; sand clay 56; grey limestone 74. Water
TRS Con I	<b>"</b> 43	R. Winger	R.J.Gilbertson	Jan.10,1961	6	3	60	50		С	at 71. Brown grey clay 12; grey limestone 66. Water at 60.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	OM 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL		USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
IALDIMAND COUNTY North Cayuga Tw TRS Con I TRS Con I TRS Con II TRS Con II TRS TRS		W.J. Heaslip J. Hanrahan R. Mills W. Myers P. Milan A. Dickie	R.J. Gilbertson R. Swayze F. Ince B. Helka	Jan.27,1961 Peb.20,1961 Nov.1, 1962 Jul.27,1960 Jul.29,1960 Dec.24,1960	666666	6 3 20 10 10	25 60 37 40 35 30	20 30 32 15 15 28	Fresh	D,S D,S D,D,S	Clay 20; brown limestone 46. Water at 42. Grey clay 13; brown limestone 65. Water at 60. Brown clay 32; sand grevel 40; limestone 60. Water at 42. Tonsoil 3; brown clay 40; medium gravel 42. Water at 40. Tonsoil 3; brown clay 35; medium gravel 37. Water at 35. Brown clay 20; shale pebbles 32; soft limestone 38; gravel 42. Water at 40.
Oneida Twp.		V. Anderson	D.Featherstone & Thompson	Apr. 6,1961	5	4	23	8	Fresh	D	Yellow clay 17; hardpan stone 27; shale 31. Water from 30 to 31.
CTR RE	lot 1	R.Blockwell R.J.Blackwell	E. Constable	Mar. 3,1961 Jun.27,1963	6 5	10 15	43 43	30 43	*	D D	Topsoil 2; blue clay 45; blue shale 54. Water at 51. Brown clay 35; grey clay 43; gravel 49; grey limestone 60. Water at 52.
CTR RE	* 1	R.W.Jamieson	•	Dec.20,1963	5	<₽	105	60	Sulphur	N	Brown clay 22; blue clay 33; gravel 44; grey limestone 105. Water at 100.
CTR RE	* 4	C. Wickett	*	Aug.23,1963	6	15	42	42	Fresh	D,S	Brown clay 18; blue clay 42; blue clay pebbles 49; grey limestone 52. Water at 49.
Con IV Con IV Con IV	" 16 " 17 " 15 " 30	M. LaClair A. Reid J. Holstein W. Blyleven W. Moyer	F. Ince E. Stewart F. Ince g J. Wickett	May 15,1963 Mar.22,1962 Sep.18,1962 Sep.18,1962 Jul.18,1963	6 5 6 6 5	8 15 15 20 10	54 48 35 40 30	40 48 35 40 30	***************************************	D S D,S D,S	Brown clay 4; blue clay 54; shale 56. Water at 54. Clay rocks 36; shale 46; brown limestone 62. Water at 60. Brown clay 6; blue clay 32; grey shale 40. Water at 36. Brown clay 6; blue clay 45; grey shale 50. Water at 49. Yellow clay 15; grey clay 20; hardban 30; grey limestone 36. Water at 32.
Con V	* 19	Oneida Town Hall	P. Ince	Apr.11,1962	6	20	39	37		P	Brown clay 4; blue clay 49; fine gravel 50; limestone 52. Water at 50.
Con VI PRER	" 13 " 1	P.Paslawski T.E.Daley	E. Culver	Jul.10,1963 Jun. 2,1962	6 5	8 5	66 50	64 50	:	D,S Ir	Brown clay 10; blue clay 43; shale 72. Water at 64.  Grey clay 42; grey limestone gypsum 54; hard brown limestone 56. Water at 54.
PRER PRER	: 1 : 1	:	•	Jun. 5,1962 Jun. 9,1962	5	10 10	40 8	40 8		Ir Ir	Grey clay 30;grey limestone gypsum 48. Water at 48. Grey clay 35;grey limestone gypsum 47;herd brown limestone 51. Water at 47.
PRER PRER PRER PRER PRER PRWR	* 9 * 10 * 16 * 19 * 25 * 6	V. Doyle J. Wills W.W. Leach F. Cipriani H. Hewitt W. Coon	F. Merritt R.J. Gilbertson E. Constable	Sep.23,1961 Sep.25,1961 Peb.17,1962 Jul.13,1961 Jan.18,1961 May 28,1962	66666	6 20 10 10	24 31 46 35 10 <del>1</del> 60	23 30 45 30 10 30		D D S C C D	Brown clay 4; blue clay 25; coarse gravel 28. Water at 28. Brown clay 4; blue clay 33; coarse gravel 35. Water at 35. Brown clay 3; blue clay 51; limestone 60. Water at 52. Clay 55; limestone 55½. Water at 55. Clay 20; coarse gravel 43. Water at 43. Fopsoil 3; brown clay coarse sand 46; blue shale 75, Water at 62.
PRWR	<b>"</b> 19	K. Drinkwater	B. Helka	Nov.14,1960	6 <del>1</del>	40	30	30		D	Brown clay 25; blue clay 42; grovel 58; brown limestone 61. Water at 57.
PRWR	" 21	R. Finch	C. Strome	Aug.27,1960	4	30	22	12	Sulphur	D	Top fill 3; brown clay 7; grey clay 30; soft clay 39; bedrock 40. Water at 40.
PRWR PRWR RR	* 23 * 25 * 17	J. Abels R. Mayor D. Marius	B. Helka E.A. Mitchell S. Gill	Apr. 7,1961 Aug. 2,1963 Mar.25,1963	6	70 6 9	12 22 69	10 18 57	Presh	D D D	Brown clay 32;11mestone 33;gypsum 37. Water at 33. Clay 9;clay gravel 32;grayel 42. Water at 32 and 42. Brown clay 44;grey rock 68;brown rock 70. Water at 65 and
RR RR	* 38 * 49	A. Flowers A. Houwer	J. Wickett F. Ince	Oct.16,1962 Oct. 1,1962	6	5 20	54 45	54 44	:	D,S D,S	70. Brown clay 30;hardpan 49;grey limestone 61. Water at 55. Brown clay 6;grey clay 45;medium gravel 52;limestone 60. Water at 52.
RR BR	* 61 * 63	R. Martindale J. Riis	J. Wickett M. Culver & Sons	Sep. 3,1963 Jul.20,1961	5	15 10	47 44	47 44	:	D,S	water at 52. Brown clay 20;grey clay 60;grey limestone 68%. Water at 6. Clay 50;gravel 52;brown limestone 62. Water at 61.

	ALDIMAND COUNTY	- cont										
	Rainham Twp.	lot 1	G. Fess	G.A.Denhis & Sons	Anr. 24.1962	5		1		1	1 1	Clay 14; flint 21. Dry hole.
	Con I	. 2	A. Sherk	M. Cilver & Son	Jun. 9,1961	5	3	25	7	Presh	D.S	Clay sandy gravel 16: flint 32. Water at 17.
	Con I	w 8	R. Haas	G.A.Dennis & Sons	May 11,1962	5	10	25 14	13	Sulphur	Ď	Yellow clay 13; hard sharp flint 30; Water at 28.
	Con I	" 9	A.J. Mandar	J.R.Nauman	Nov. 3,1952	5	8	18	16	Fresh	D	Brown clay 4; grey clay 13; flint 22. Water at 21.
	Con I	" 10	D. Boddington	M. Culver & Son	May 28,1960	5	10	12	12	Sulphur		Clay 17; flint 26. Water at 25.
	Con I	* 10	C. Turner		Jan. 19, 1961		4	18	13	Fresh	D	Grey clay 12; flint 25. Water at 18.
	Con I	" 10		E. Culver	Mar.16,1962	6	10	24	10	Sulphur	כ	Brown clay 6; sand gravel 9; flint 29. Water from 28 to 29.
	Con I	* 10			Mar.23,19/2	5	3	30	13 16		כ	Clay 13; flint 33. Water at 30.
	Con I	" 10		J.R. Naumen	Jul. 9,1963		3	30 24 18			D	Brown clay 3; grey clay 12; flint 26. Water at 24.
	Con I	" 11 " 12		M. Culver & Son J.R. Nauman	Oct.26,1961	6	3	18	11 14	Fresh	D	Clay sand 12; flint 20. Water at 18.
	Con I Con I	" 14		E. Culver	Jul.13,1963 Sep.17,1962	6	10	20	14	Sulphur	D	Brown clay 3; grey clay 7; flint 23. Water at 22. Surface clay 10; flint 25. Water at 23.
	Con I	w 14		D. Gaivei	Sep.14,1963	ě	1	20	13	Fresh	D	Surface clay 8; flint 23. Water at 20.
	Con I	* 15			Jun. 26, 1963	6	2	18			P	Surface clay 9; flint 21. Water at 19.
	Con I	" 16		G.A.Dennis & Sons		5	40	15 11	9	Sulphur	ם	Sandy silt 5: flint 36. Water at 32.
	Con I	" 16		M. Culver & Son	May 18,1961	6	10	11	11	Fresh	D	Clay 71; flint 32. Water at 312.
	Con I	* 16			Kay 31,1961	6	15	9	9	Sulphur	ס	Clay 10%; flint 30. Water at 30.
	Con I	* 16			Jun. 3,1961	6	10		10		מ	Clay 10; flint 31. Water at 31.
	Con I	16		E. Culver	Sep.11,1963	ō	₹.	50	85	Fresh	D D	Surface clay 8; flint 22. Water at 18.
	Con I Con I	* 17		M. Culver & Son J.R. Nauman	May 17,1960 Sep. 3,1963	21	3	32 20	7		D D	Clay 52; flint 35. Water at 18 and 34.  Shelly rock 4: flint 40. Water at 20.
	Con I	* 23		E. Culver	May 17,1963	5 6 6	1	28	14	*	D	Sand 5; clay 20; gravel 21; flint 30. Water at 27.
	Con I	* 24		M. Culver & Son	Jun. 4,1960	5	î	28 26	9		Ď	Sand 7:flint 31. Water at 14.gas sulpnur water at 31.
	Con I	* 24			Aug. 20, 1960	5	₹}	29 16	11		ם	Sand clay 9; flint 30. Water at 30.
	Con I	* 25	C. McGregor		Aug.19,1960	5	3		12	Sulphur	ס	Clay 4; flint 25. Water at 22.
143	Con II	* 1	Slack &	G.A. Dennis &Sons	Mar.12,1960	5	30	25	18		P	Old well 20; flint 31; Water at 28,
Ü			Mehlenbacher				_			_	_	and the second s
	Con IV	* 6 * 8	J. Sodergard	J.R. Nauman	Jun. 4,1962	8	5	40 68	38 36	Fresh	P F	Brown clay 3; grey clay 16; flint 54. Water at 44.
	Con IV	- 0	Rainham School Area	M. Culver & Son	Oct.17,1960	0	5	00	30	rresn	r	Clay surface 14; flint 73. Water at 70.
	Con VII	* 3	G. Green	G.A. Dennis &Sons	Jun. 13, 1962	5	4	43	21	Sulphur	D	Yellow clay 22; hard sharp flint 47. Water at 44.
	Con VII	* 3	F. Schweyer	J.R. Nauman	Aug. 26, 1963	5 61	2	20	16	Fresh	D	Brown clay 3; grey clay 12; flint 30. Water at 27.
	1011 1011		2.5				_				_	
	Seneca Twp.			_	/-							
	NT	lot 1	Twp.ofSeneca	E. Culver	Jul.25,1962	5						Brown clay 39; brown limestone 45; shale gyosum 50; brown
	NT	* 1			Jul.27,1962	5	7	85	30	Fresh	P	limestone 75;grey limestone 95. Dry hole. Brown clay 38;brown limestone 45;shale gynsum 50;brown
	MI	1			Jul. 27,1902	2	7	ا ره	00	* resn		limestone 76; black shale 85. Water at 76.
		* 4	G. Tremmel	S.W. Merritt	Mar.28,1962	6	10	68	52		D	Clay 60; clay gravel 82; shale 84. Water from 82 to 84.
	NT	* 14		E. Constable	Oct . 27, 1960	6	5	68 36	52 16		ם	Brown clay 25; blue clay 45; red shale 52; black coarse grovel
												54. Water at 52.
	NT	* 14		P. Ince	Nov.15,1961	6	15	22	20		ם	Brown clay 4; stony clay 35; coarse gravel 36. Water at 35.
	NT	" 14			May 23,1962	6	15 15	44	42		ם	Brown clay 4; blue clay 50; gravel 52. Water at 51.
	NT	" 18	W. Nelles	E. Culver	Jul.13,1962	5	15	40	40	-	D,S	Clay 29; brown limestone 51; hard brown limestone 54. Water at 51.
	NT	<b>"</b> 18	S.E. Remer	J. Wickett	Jun.10,1963	-	25	12	12		ם	Brown clay pebbles 8:grey clay 22:gravel 30. *ater at 30.
	NT	w 18		J. WICKELL	Aug.17,1963	5	ī	34	34		D	Brown clay 30:herdman 49:limestone 50. Water at 35 and 49.
	NT		H. Kergan	W.E. Scriven	Jul.18,1963	5 5 6	3	50	30		D	Topsoil 2; brown clay 30; brown sand soil 51; grey clay 64;
							-	-				limestone 74. Water at 74.
	PRE # 1 EH	<b>*</b> 4	S. McClung	P. Ince	Aug.15,1963	6	15	70	40	Sulphur		Brown clay 8; blue clay 90; limestone 93. Water at 92.
	PRE R I WH	* 2	J. Donker	E. Constable	Feb.13,1960	6	3	53	20	Fresh	D	Brown clay 4; blue clay 40; blue muck 56; blue shale 66. Water
	DOD D T WE	. 4	V Wa Muna	V Warman	1 1000							at 60.
	PRE R I WH		K. McClung	K. McClung	Aug. 1,1960	6						Too clay loam 6; blue clay 45; soft blue shale 48; shale
												gypsum 75. Dry hole.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	T.PUPT.	KIND OF	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNT Seneca Twp PRE RI WH		K. McClung	K. McClung	Now.20,1960	6						Clay loam 12; blue clay 24;; blue clay boulders 48; hardpan
PRE RI WH	* 6 * 2	L. Parke J.	F. Ince	Sep. 6,1963 Oct.17,1963	6	10 8	64 100	60 50	Presh	D,S D,S	52½; blue shale gypsum 67. Dry hole.  Brown clay 10; blue clay 60; shale 68; rock 72. Water at 70.  Brown clay 8; blue clay 116; fine gravel 117. "ater at 117.
PRW RI EH	<b>"</b> 3	Acciaccaferro E. Mayr	E. Constable	Aug. 3,1961	6	1	100	20	Sulphur	ם	Topsoil 5; brown clay 15; grey shale 50; limestone 60; blue shale
PRW RI EH	• 3	N. Whaley		Aug. 8,1961	6						98; limestone 105. Water at 98. Hardoan 50; arey shale 60; blue shale 109; niagara limestone 140. Dry hole.
PRW RI EH	<b>"</b> 3	J. Drysdele	•	Jun.10,1962	6	10	57	55	Fresh	D	Topsoil 4; blue clay 47; blue shale 50; limestone 60. Water at 54.
PRW RI EH	* 3	J. Ratchford	J.F. Wickett	Nov. 9,1963	5	1	115	75	Sulphur		Brown clay 16; blue clay 45; gravel 52; grey limestone 115. Water at 105.
PRW RI WH	" 2	R. Fuller	E. Constable	May 21,1961	6	10	60	40	Fresh	מ	Topsoil 4; brown clay stone 50; blue clay 55; blue shale 75. Water at 62.
PRW RI WH	* 2	F. Whitehead	•	May 22,1961	6	10	60	40	*	מ	Topsoil 4; brown clay 52; blue clay 60; blue shale 75. Water at 65.
PRW RI WH	* 2	J. Tyne	Cross Bros.	May 15,1963	6	5	65	12	*	D	Topsoll 1; brown clay 23; arey clay 53; aypsum 64; limestone 67. Water at 67.
PRW RI WH	• 3	W. Bleaks	E. Constable	Nov.19,1961	6	5	56	47	*	D	Topsoil 5; blue clay 20; blue shale 56; coarse black gravel 59. Water at 56.
PRW RI WH	* 3	R. Ferrell	Cross Bros.	Jun.1, 1962	6	5	60	35	*	ס	Topsoil 1; brown clay 18; grey clay 36; blue clay 56; limestone 63. Water at 60.
F PRW II WH	* 17	C. Nardini	W.E. Scriven	Jun.1, 1963	6	5	56	40		D	Topsoil 2; brown clay 40; blue clay 63; limestone 78. Water at
RR RR SCR NA Con I SCR NW Con II	* 18 * 34 * 14 * 8	A. Alderson	E. Constable F. Ince E. Constable J. Wickett	'ug.1, 1961 Dec. 2,1963 Peb.15,1961 Aug. 9,1963	6 6 6 5	30 10 10	25 30 56	25 20 28		D D,S D,S	78. Old well 26; blue shale 38. Water at 36. Brown clay 6; blue clay 35; shale 44. Water at 44. Old well 30; blue clay stones 74. Water at 74. Brown clay 15; zrey clay 60; brown clay pobbles 79; grey limestone 131. Dry hole.
SCR NW Con II	* 8	*		Aug.14,1963	5	15	44	44	W	D,S	Brown clay 1º; grey clsy pebbles 69; grey limestone 75%. Water at 74.
SC NW Con II	* 13	E. Dewald	R.D.Featherstone	May 6,1960	4	63	69	49	•	D	Yellow clay 22; blue clay 50; hardoan stones 60; blue clay 69; blue shale 73; blue brown shale 81}. Water at 78.
sons con I	* 22 * 22		J. Wickett	Aug.11,1962	6	15 15	60	60	:	D,S	Brown clay 4: grey clay 77: grayel 7º. Water at 77.
SCR Con I SCRS Con II	* 8	A. Hoeflaak	E. Constable	Aug.18,1962 Sep.25,1963	6	5	29 50	29 30		D	Brown clay 6; rey clay 88; gravel 04. Water at 04. Topsoil 4; gumbo 58; shale 60; hard blue shale 65. Water at 62.
SCRS Con III		****	R. Nauman	Feb.17,1962	5	15	25	18		מ	Brown clay 4; grey clay pebbies 69; shelly rock 73; blue shale 77. Water from 70 to 72.
SCRS Con IV	* 7	J. Brinzel	E. Constable	May 3, 1960	6	6	35	30	•	ם	Torsoil 5;blue clay 40;stones gravel 60. Water at 60.
Sherbrooke Twp Con I Con I Con I	lot 8 # 16 # 17	P. Wright H. Miller T. Hartlley	Caughell Bros. S.W. Merritt F. Merritt	Jul.19,1961 Oct.19,1962 Apr.18,1962	6 6	33 10 2	26 58 60	26 55 38	Sulphur Fresh Sulphur	D,S	Clay 70; haripan 81; flint 102. Water at 101 Blue clay 34; flint rock 71. Water at 71. Brown clay 32; flint 64. Water at 62.
Six Nations In Reserve.Oneida Con VI		G. VanEvery	E.A. Mitchell	Dec.28,1962	6	4	60	20	Sulphur	s	Clay 33;gravel 34;grey limestone 89. Water at 48, 67 and 84.

HALDIMAND COUNT	Y - cont										
South Cayuga To		J. Armstrong	M. Culvert &Son	Dec. 7,1960	7	17	20	20	fresh	D,S	Light sandy soil 4; grey clay pebbles 41; soft brown limestone
TRS Con III	lot 24	J. Crocco	Caughell Bros.	Apr.15,1962	6	7	20	20		D	43. Water at 42. Red clay 27; fine sand 29; coarse gravel 31. Water at 29.
TRS Con III TRS Con IV TRS Con IV	* 26 * 13 * 13	R. Dashwood	Well Drilling E. Culver	Jul. 4,1962 Feb.26,1962 Mar. 2,1962	5 4 5	13 10 13	21 54 55	21 25 25	:	D D	Clay 27; soft grey limestone 35. Water at 33. Clay 63; coarse gravel 64. Water from 63 to 64. Clay 64; coarse gravel 65; brown limestone 66. Water from 64 to 65.
TRS Con IV	* 14 * 12		Caughell Bros.	Feb.16,1962 Sep.27,1962	6 5	40 2	33 148	18 38	Sulphur	D,S	Clay 59; coarse gravel 60. Water from 59 to 60. Red clay 29; brown limestone 60; grey limestone 80; brown
TRS Con V TRS Cot VII TRS Con VII	* 30 * 15 * 15 * 16 * 16 * 16 * 16 * 18 * 18	A. Stellings L. Lapp M. Behrens A. Cheesman J. Miller T. Blackwell R.J.Fraser ML Dr.R. Dingle J. Cooper L. Filer	"	Peb.17,1961 May 28,1961 Jul.17,1963 Jul.24,1963 Jul.7,1962 May 16,1963 Aug. 2,1963 Aug. 2,1963 Aug. 1,1962 Jul.26,1960 Jul.27,1960 Aug. 6,1963	56666666666886	24 28 28 28 38 61 22 1 4	16 25 16 24 20 15 20 15 20 21 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	15 9 12 8 12 14 6 15 9 23 10 10	Fresh Fresh Sulphur Fresh Sulphur Fresh	D, S DD DD DD DD DD DD	limestone 157. Water at 148. Yellow clay 19; flint 31; limestone 35. Water at 31. Brown clay 9; grey herd limestone 25. Water at 25. Sand 3; clay 11½; flint 30. Water at 21. Clay 8; flint 24. Water at 16. Brown clay 4; blue clay 15; flint 26. Water at 24. Brown clay 12; flint 24. Water at 22. Clay 12; flint 21. Water at 20½. Clay 19; flint 32. Water at 32. Sand 3; grey clay 12; flint 28. Water at 25. Clay 22; flint 39. Water at 32. Grey clay sand 14; grey shale 25. Water at 24. Grey clay sand 12; grey shale 24. Water at 24. Clay 13; flint 25. Water at 24½.
Walpole Twp. Con I	lot 6 9 16223 2344 244 244 244 244 244 244 244 244	H. Moses W. Rowlands R. Sheppard W. Murray N.Koepke D. Smith P. Wakeford D. Scanlon O.J.Schweyer C. Richarz J.F. Ryan N. Corrado D. Scholey M. Caduallader G. Venus A. Fulton	G.A.Dennis&Sons Allard Bros.  R. Swayze G.A.Dennis &Sons R. Swayze G.A,Dennis &Sons " " " " " " " " " " " " " " " " " " "	Apr.29,1960 Aug.11,1960 Apr.30,1963 Aug.23,1960 Aug.25,1960 Peb. 9,1961 Mar. 9,1962 Apr.11,1962 Apr.19,1963 Apr. 22,1963 Jun. 4,1963 Jun. 4,1963 Jun. 5,1963	500000000000000000000000000000000000000	THE SHOULD SHE THE SHE	55 32 16 30 18 48 711 18 11 18 11 18	132 7402 1102 1102 1102 1102 1103 1104 1104 1104 1104 1104 1104 1104	Fresh  ** Sulphur Fresh  ** **		Yellow clay 20; hard sharp flint 60. Water at 51. Grey clay sand 27; grey shaln 190. Dry hole. Grey clay 31; grey shale 57. Water at 29. Grey clay 13; flint 25. Water at 20. Surface yellow clay 7; flint 22. Water at 19. Clay 10; flint 31. Water at 28. Clay overburden 10; flint 22. Water at 19. Yellow clay 8; flint 50. Water at 46. Broken shelly flint 6; solid flint 17. Water at 15. Sand gravel 8½; flint 25. Water at 23. Clay 17; flint 30; Water at 27. Yellow clay 11; hard flint 30. Water at 27. Yellow clay 11; hard flint 11. Water at 6. Yellow clay 12; flint 21; shelly flint 22. Water at 21. Yellow clay 12; flint 22½. Water at 20. Yellow clay 3; shelly flint 8; flint 19. Water at 17. Brown clay 15; flint stone 23. Water at 22. Topsoil 8; brown clay 9; shale 10½; flint stone 16. Water at 15.
Con I	244 224 224 244 244 244	T. Mowat A. Dunnett G. Grosvenor F. Whitehouse W. Taylor R. Doucette K.R. Beattie A. VanDerVeer	*	Jun. 3,1963 Jun. 7,1963 Jun. 8,1963 Jun. 11,1963 Jun. 12,1963 Jun. 13,1963 Jun. 14,1963 Jun. 15,1963 Jun. 17,1963	00000000000	35322555343	16 16 16 15 14 15 18 18	13 28 8 28 3 5 2	Sulphur Fresh * * Sulphur Fresh	0 0 0 0	Brown clay 12; flint stone 21. Water at 21. Brown clay 12; flint stone 18. Water at 17. Brown clay 12; flint stone 26. Water at 25. Brown clay 12; flint stone 17. Water at 17. Topsoil 1; brown clay 10; flint stone 15. Water at 14. Brown clay 12; flint stone 16. Water at 16. Brown clay 12; flint stone 17. Water at 17. Brown clay 14; flint stone 19, Water at 19. Brown clay 15; flint stone 21. Water at 21.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION	N r	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ALDIMAND COUNTY											
Con I Con II	lot 24	J. Hyde S. Creek	Cross Bros.	Jun.22,1963		3	20	15	Sulphur	D	Brown clay 14; flint stone 23. Water at 23.
Con II	* 11	T. Davis	E. Stewart R. Swayze	Aug.22,1963 Aug.23,1963	5	5	58 27	15	Presh	D D,S	Clay 25; flint 58. Water at 58. Yellow clay 9; flint 30. Water at 27.
Con II	* 18	G. Comfort	E. Stewart	Oct.14,1961	7	5	43	14		Ď	Clay 27; flint 53. Water at 53.
Con IV	* 11	B. Beck &Son	B. Helka	an.12,1961	6	30	50	50	Fresh	D,S	Brown clay 44; flint 653; shale 70; flint 77. Water at 50, sulphur at 20.
Con IV	* 23 * 6	E. Schweger	G.A.Dênnis& Sons		5	10 6	21	16 <del>1</del>	Sulphur	S	Yellow clay 19; brown limestone 35%. Water at 31.
Con V Con V	* 6 * 23	G. Mitchell W. Schaeffer	I. Smelser R.J. Gilbertson	Apr. 6,1960 Mar.21,1961	8	10	100	45		D,S	Grey clay 45; flint rock 122. Water at 95 and 69. Grey clay 20; hard flint rock 80. Water at 76.
Con VI	* 2	L. Church	R. Swayze	Mar.18,1963	6	15	30 54	25 44		S,S	Grey clay 39; flint 120. Water at 117.
Con VII	* 3	V. Hawkins		Jul.15,1963	6	2	50 48	37 16	Fresh	D	Yellow clay 12:blue clay stones 25:flint 53. Water at 52.
Con VII	" 3 " 5	R. Miller Can. Christian		Aug.10,1963 May 18,1962	6	20	25	25	Sulphur Fresh	D P	Yellow clay 34; flint 50. Water at 48. Old well 34; flint 55. Water at 52.
CON VII	-	School	1049	ray 10,1902	"		2)	2)	ries	-	lu well 54; lilling 55; water at 52;
Con VII	* 5	E. Craddock	*	Nov.23,1962	6	15 20	34	34 23	*	D	Old well 45; flint 61. Water at 59.
Con VIII	* 10	R. Vickers W. Schurr		Aug.29,1962 May 6, 1960	6	20	30	16	Sulphur	D, C	Grey clay 30;gravel 37;flint 60. Water at 57. Clay 12;flint 43. Water at 40.
Con VIII	<b>"</b> 10	E. Schorr		Oct.25,1960	6	20 20	25	25 24	Fresh	P	Clay 12; flint 50; Water et 47.
Con VIII	" 20 " 24	H.W. Clarke		Jul. 6,1960	6	20	30 24	24	Sulphur	S	Clay 17; flint 55. Water at 52.
Con VIII Con IX	w 3	L. Campbell J. Anderson		Aug.12,1961 Jul.15,1961	6	7½ 3 8	70	7 21	Fresh	D.S	Brown clay 14; flint 34. Water at 28. Grey clay 70; flint 80. Water at ?7.
Con IX	* 3.	*		Jun.15,1962	6	8	35	24 16		D,S	Old well 80; flint 95; limtstone 128. Water at 125,
Con IX Con X	" 14 " 8	B. Devine J. Wentzell	B. Helka R. Swayze	Dec. 6,1960 Jun.23,1962	7 6	30	20 45	18		D,S	Brown clay 8; flint 32. Water at 302. Old well 31; flint 50. Water at 47.
Con X	• 8	B. McMurchie	I. Smelser	Nov. 8,1963	7	15	50	20		D,S	Brown clay 4; blue clay 13; flint 70. Water at 67.
Con X	• 16	R. Swing	E.A. Mitchell	Oct.26,1963	61	5	70	30	Sulphur	D,S	Clay 10; flint 50; brown limestone shale 75. Water at 52 and
Con X	* 21	A. McConachie	R. Swayze	Jul.27.1960	6	15	32	37	Fresh	D,S	73. Clay 2; flint rock 45; grey limestone 101. Water at 98.
Con X	* 23	A. Rowntree	E.A. Mitchell	Nov.23,1963	61	15 20 11	32 15	37 13 15	*	D	Clay 10; flint 33. Water at 30.
Con XI Con XI	• 11 • 11	D. Teal L. Slack	R. Swayze	Oct.20,1961 Aug.27,1963	6	12	49 30	15		D	Clay 14; flint 50. Water at 47. Yellow clay 11; flint 30. Water at 27.
Con XII	* 1	G. Martin	R.J.Gilbertson	Jan.30,1962		9	44	40		D.S	Sand loam 6; clay 17; flint 65; sandstone 75; grey shale
A W.T.					_					_	limestone 83. Water at 32 and 81.
Con XII	* 3	E. Lister J. Kauk	E. Stewart R. Swayze	Jul. 6,1962 Jul. 5,1962	5	3 15 20	77 37	23 26		D,S	Clay 33; brown limestone 77. Water at 77. Clay 32; flint 45; limtstone 72. Water at 69.
Con XII	* 7	**	n Smayer	Apr. 18, 1963	6	20	30	15		Ď	Grey clay 30; flint 45; limestone 60. Water at 57.
Con XII	" 13	F. Richardson	H•	Aug.1, 1963	.6	2	95	30	*	S	Yellow clay 17; flint 55; rey limestone 85; brown limestone 100. Water at 80.
Con XII	<b>"</b> 15	D. Dalimonte	E.A. Mitchell	Sep.14,1963	6 <del>1</del>	2	50	23	•	D	Clay 9; flint 25; limestone shale 66. Water at 47 and from 155 to 66.
Con XIII	<b>m</b> 1	J. Kauk	R. Swayze	Jun.21,1960	6	20	30	29		D	Clay 11; flint 56; limestone 75. Water at 72.
Con XIV	* 1	W. Warus	R.J.Gilbertson	Dec.11,1961	6	9	30	25		D,S	Shale 62; grey limestone 22; sand stone 30; brown limestone
Con XIV	• 1	•	•	Dec.20,1961	6	9	25	20	-	D,S	60; grey limestone 80. Water at 60 and 78. Shale 3; grey limestone chert 23; sandstone 30; brown limestone
Con XIV	• 1		*	Nov.14,1963	6	30	35	35		D.S	50; Water at 30 and 45.   Old well 40; rrey brown limestone 90, Water at 83.
Con XIV	• 6	C. Williams	B. Helka	Oct.14,1960	61	30	30	35 25	**	Ď	Brown clay 5; brown limestone 48; blue limestone 53. Water
Con XIV	• 6	F. Cooper & F. Aines	*	Oct.21,1960	61	30	30	25		D	at 47g.  Brown clay 8; brown limestone 49; blue limestone 54. Water at 188.
Con XIV	* 7	Brethern In Christ Church	G.A. Dennis&Son	Jun.25,1963	5	8	34	32	*	P	Fill 3; shaly limestone 33; limestone 54. Water at 45.
Con XIV	• 9	H. Bangay	R. Swayze	Jun. 6,1962	6						Clay 23;gravel 33;shale gypsum 56. Dry hole.

	Con XV Con XV Con XVI Con XVI Con XVI	* 1 * 3 * 2 * 6	L. Hayes W.Buckborough D. Price F. Mattico J. Attwell	R.J. Gilbertson E. Stewart G.A.Dennis& Sons E. Stewart	May 4,1962	6 <del>1</del> 5 5 5 5 5 5	10 10 16 30	45 30 80 25 18	45 30 20 19	Sulphur Fresh Mineral	s	Loose rock 12; limestone 25; brown limestone 75. Water at 75. Blue clay 59; sand fine gravel 62; brown limestone 106; limestone gypsum 111. Water from 60 to 62. Grey clay 50; brown limestone 61. Water at 61.
	URON COUNTY Ashfield Twp. ED Con II	lot 8	E. Black	G.L. Davidson	Oct.28,1960	4	10	109	96	Presh	D,S	Topsoil 6;hardpan 9;clay 41;sand 55;hardpan 66;sand 71;shale
	ED Con V	<b>"</b> 6	I. Rivett	W.J.Hopper &Sons	May 28,1962	4	10	98	90		D,S	
	ED Con VII	• 6	G. Anderson		Nov. 4,1960	4	6	135	90	•	D,S	
	ED. Con X	• 4	H. Wilkins	G.L. Davidson	Jun.17,1963	4	10	65	49		D,S	
	ED Con XII	* 2	J. Vanosch		Feb. 9,1961	4	15	77	68		D,S	
e	FC NTP		R.C. School K.Right Dev- elopment Co.	*	May 5,1961 Jul.24,1961	4	15 15	70 80	60 68	:	P P	clay 146; herdien 172; shale 180. Weter at 180. Grey brown clay 110; shale 123; hrown rock 143. Water at 143. Blue clay 158; clay sand layers, 185; caving stony herdeen 192; cementing sand gravel 192; soft brown shale hard layers clay
4	FC NTP	* 22	S. MacInnes	W.D.Hopper &Sons	May 16,1962	4	15	20	6		מ	307. Water at 307. Clay 140; fine sand 183; haripan 248; brown rock 289. Water from
	FC NTP	<b>"</b> 24	E. McDoneld	G.L. Davidson	Jul. 4,1960	4	6	98	49	•	s	2RO to 289, Brown clay 16; blue clay 110; sand 116; soft blue clay 156; soft blue clay stones 192; sand 218; herdnan 252; brown soft shale
	TPA		A. Grenier	W.D.Hopper%Sons	Aug. 1,1961	4	10	82	70		D	316, Water at 316. Yellow clay 13; blue clay 67; blue clay stones 80; brown rock
	TPA		N.Dickson	G.L. Davidson	Aug.15,1962	5	15	20	6	*	D	106. Water from 98 to 106. Blue clay 58; sand clay gravel 68; brown shale 104; brown soft
	WD Con VII WD Con X	lot ?	L. Moerbeck T. VanDiepen	W.D.Hopper &Sons	Oct.27,1961 May 22,1962	4 4	12 12	67 82	60 75	:	D,s	limestone 123. Water at 123. Blue clay 103;gravel 114;brown rock 142. Water at 142. Yellow clay 36;blue clay 97;gravel 113;hardpan 129;brown limestone 154. Water from 144 to 154.
	WD Con X	* 7	J. Austin	•	Oct. 4,1960	4	15	79	74	•	D,S	Clay 73; stony clay 98; gravel 110; brown rock 120. Water from
	WD Con XII	• 10	Twp. School	G.L. Davidson	Jun.19,1961	5	13	80	62		P	Clay 52; brown shale 88; brown rock 109. Water at 109.
	WD Con XIII	• 3	Area R. Farrish		Jan. 3,1963	4	6	112	74	•	D,S	Topsoil 1;gravel hardpen sand 77;clay 83;gravelly hardpan 108;sand 128;clay 131;hardpan 167;brown shale 183. Water from 170 to 183.
В	russels Vlg.		P.U.C.	G.L.Davidson	Jul. 4,1963	10	280	51	11	Fresh	P	Clay stones 8; brown hard clay 18; brown hard shale 38; brown buff hard limestone 64; brown hard limestone 102; dark brown hard limestone 149; soft brown limestone 146; medium hard brown limestone 198. Water at 64, 102, 144, and 198.

HALDIMAND COUNTY - cont. Walpole Twp. - cont.

lot 9 H. Bangay " 12 R.L. Johnson

R. Swayze

E.A. Mitchell

Jul.20,1962

Nov.20,1963

6 6±

10 15 105 Fresh

D

58

Clay 28; gravel 33; limestone shale 35. Water at 32.

Clay 2; flint 40; gray limestone 116. Water at 60 and from 96 to 116.

Con XIV

Con XIV

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
URON CO													
Colborn ED Con		101		W. Tantzen	G.L.Davidson	Jul.31,1963	4	6	200	182	Fresh	D,S	Clay 15;gravel 52;sand 82;clay 155;sand 168;brown rock 241.
ED Con	IV		2	E. Allen	Ladco Drilling	Aug. 2,1963	4	10	150	145	•	D,S	Water from 200 to 241. Brown clay rocks 15;gravel 23;grev clay rocks 165;light
ED Con	IV	×	6	K.Brindley		Aug. 6,1963	4	10	95	80		D,S	grey limestone 175. Water from 169 to 175. Brown sandy clay 8; gravel 30; grey clay rocks 95; light grey limestone 180; Water from 170 to 180.
ED Con	IV		7	A. Etzler	•	Aug.10,1963	4	10	125	120	•	D,S	Brown clay 12; gravel 20; grey clay rocks 120; light grey
ED Con	VII		1	J. Bean	•	Jul.18,1963	4	6	200	190	*	D,S	limestone 190. Water from 185 to 190. Brown clay rocks 18; grey clay rocks 70; sand 130; grey clay
ED Con			12	D. Haines		Oct.10,1962	4	8	115	112	:	D,S	rocks 218; light grey limestone 266; Water from 225 to 226. Clay rocks 167; brown limestone 175. Water at 174.
ED Con			-,	W. Reed	7	Dec. 6,1962	4	10	75	70	7000	D,S	Clay rocks sand layers 120; rocks layers clay 147; brown limestone 154. Water at 152.
ED Con	IX	•	6	H. Watson	•	Dec. 2,1962	4	10	70	65	•	D,S	Clay rocks 8; gravel 72; clay rocks 122; brown limestone 132.
ED Con	IX		15	B. Hakkers	G.L. Davidson	Oct. 8,1963	4	6	140	133	*	D,S	Stony clay 28; quicksand 50; clay 58; clay sand 84; stony clay 134; brown soft shale 142; brown hard rock 184. Water at 184.
ED Con	M	*	19	C. Haaskant	W.D.Hopper& Sons	Aug.20,1963	5	9	82	78	•	D,S	Stony clay 4; coarse gravel 40; blue clay 6; hardpan 83; cemented gravel 86; loose limestone 88; brown limestone 147. Water from 140 to 147.
ED Con	M		27	B. Fisher	Ladco Drilling	Aug.15,1963	4	10	170	160		D,S	Brown clay rocks 20; grey clay rocks 60; sand 90; grey clay
WD Con	I	*	1	C. McQue	W.D.Hopper&Sons	Nov.12,1962	4	10	160	130	*	D	rocks 130;;ight grey limestone 225. Water from 210 to 220. Grevel 35;blue clay 100;blue stones 105;hardpan 125;brown rock 208. Water at 208.
WD Con	٧	*	1	C. Brindley	G.L. Davidson	Jan. 4,1962	4	20	189	160		D	Topsoil 1; clay 45; gravel 46; stony hardpan 135; shale 178; limestone 245. Water from 225 to 245.
WD Con	VIII	•	1	D. Bean	*	Apr.29,1960	4	5	210	193		D,S	Topsoil 1; yellow clay 15; hardpan sand 42; clay 90; hardpan 106; clay 175; hardpan 205; sand 222; shale 232; brown limestone 278. Water at 278.
WD Con	XI		8	M. Bogie		Oct.11,1963	4	8	70	68		D	Clay 54; sand gravel stones 80; clay stones 86; brown soft sha
WD Con	XII		2	S.J. Mabon		Oct.20,1963	4	5	170	148		Ď	90;brown hard limestone 92;brown soft shale 94. Water at 94 Topsoil 1;fill 5;clay 31;sand 50;clay 60;sand 84;sand grave 102;shale 126;rock 214. Water at 214.
WD Con			10	M. Hendriks		Nov. 7,1960		12	95	88	:	D,S	Fill 5; clay 64; sandy gravel 78; shale 99; rock 130. Water at
WD LRE			7	B. Chisholm F. Rising	P.W.Jackson	Nov.29,1963	4	9	75 70	66 63		D	Topsoil 2; clay 58; shale 89; brown limestone 97. Water at 97. Old well 3; hardpan 15; blue clay 70; clay grit 82; buff
WD LRW			2	J. Sudyk	W.D.Hopper& Sons	Dec.14,1961	4	10	90	85		ם	Sand 15; blue clay 45; sand 52; blue clay 70; hardpan 94; brown
WD LRW			12	C. Salter	•	Jul.15,1960	4	9	30	2		D	limestone 158. Water at 158. Yellow clay 5;blue clay 50;hardpan 55;loose rock 60;brown
WD LRW			18	R.S.Rising	F.W.Jackson	Oct.11,1962	4	12	70	57	•	מ	limestone 110. Water from 100 to 110. Fill 5;herdpan grit 15;blue clay grit 74;gravel clay 84;bla
WD			В	Sky Harbour Air Service	W.D.Hopper &Sons	Jun. 8,1961	8	8	30	8		P	limestone 97. Water at 90. Sand 4;gravel 18;clay 26;gravel 32;clay 42. Water from 9 to
WD			В	Teraco Can.	•	Jul.26,1962	4	12	105	90		С	18 and from 26 to 32. Yellow clay 26; blue clay 63; hordpan 106; stones gravel 140;
WD		*	C	W. Powler		Sep. 1,1960	4	10	131	122		D	brown rock 196. Water at 196. Sand 10; blue clay 80; stony clay 118; gravel 122; brown
WD		*	¢	G. Ruhl		Oct.22,1962	4	10	30	24	*	D	limestone 229. Water from 220 to 229. Gravel clay 30; clay stones 39; shale 50; brown rock 89. Water
WDFR				D. Willis	Durham Drillers	May 30,1963	4	15	150	140		D	at 89. Old well 8;soft grey clay 50;stony grey clay 100;sandy clay 150;boulders quicksand 170;sand 175;brown rock 208. Water from 195 to 205.

	URON COUNTY - Colborne Twp. WDFR			A. Steep	W.D.Hopper &Sons	Dec.30,1963	4	8	140	135	Fresh	ם	Topsoil yellow clay 10; blue clay 90; hardpan 147; loose rock 150; brown limestone 202. Water from 190 to 202.
	East Wawanosh Con I		28	R. Arthur	W.D.Hopper&Sons	Apr.14,1960	4	8	99	95	Fresh	ם	Yellow clay 22; sand 35; brown clay stones 103; brown limestone
	Con I	w	34	H. McClinchey	G.L.Davidson	Nov.16,1960	4	12	60	50	н	D.S	177. Water from 160 to 177. Old well 4; clay 18; sand 31; clay 55; hardpan 112; grey rock 142.
	Con II	и	35	W. Dalrymple		Nov.28,1963	4	10	72	68		D,S	Water at 142. Sand gravel 32:stony har boulders 146:brown soft shale
	Con IV		32	P. DeGroot	*	Mar.13,1963	4	8	90	20		D.S	158; brown soft rock 170. Water at 170. Sand 64; hardban 26; stony hardban 136; hardban 168; brown hard
	3011 IV		<i>J</i> -	1. Ded1000			*		,,,	1.0		,,,	limestone 175; blue medium hard rock 184; brown medium hard
	Con V		28	E. Rogers	W.D.Hopper&Sons	Nov.10,1960	4	9	45	33		D,S	limestone 205. Water at 205. Clay stones 24; hardpan stones 89; sandy clay 96; brown limestone
	Con V		32	J. Snell	G.L. Davidson	Dec.9 1960	4	6	.100	89		D,S	126; black rock 160. Water from 140 to 160. Sand 25; merl 42; send 64; herden boulders 91; clay 114; stony
	Con V	10	38	R. Noble	w	Mar.15,1962	4	12	90	74	**	D,S	clay 135;soft brown rock 175. Water at 175. Sandy gravel 42;hardpan 64;clay 96;sand 108;stony hardpan 116;
													sand gravel 166; brown soft shale 170; brown medium hard rock 198. Water at 198.
	Con V	99	42	C. Wheeler	*	⊔ec. 6,1963	4	10	72	70	**	D,S	Old well 42; sand gravel 52; stony hardpan 114; brown soft shale 144; brown soft rock 160. Water at 160.
	Con VI	W	36	W. Taylor	**	Jan. 4,1962	4	15	36	23	,	D,S	Sand gravel 18; hardpan sand gravel stones 48; brown shale 108; brown hard limestone 145. Water from 135 to 145.
149	Con VIII	**	32	R. Robinson	**	Jan.20,1962	4	9	96	78		D,S	Clay sand 8; stony hardpan 36; clay sand gravel 112; brown shale
9	Con IX	и	28	E. Snowden	m	Oct.21,1961	4	12	78	60		D,S	clay 132; brown hard limestone 181. Water at 181. Stones fill 4; clay sand 40; hardpan clay sand 113; gray shale
	Con IX	н	40	J.D.Anderson		Aug.23,1962	4	10	75	56		D.S	191; brown shale 201; brown livestone 222. Water at 222. Topsoil 1; red clay 6; stony gravel 15; hardpan 30; gravel hardpan
	<b></b> 2			01244114024011						,,,		,,,	40; hardpan 85; stony hardpan 92; soft brown shale 125. Water at 125.
	Con IX		41	G. Pengelly	R.H. Gadke	Nov. 1,1960	4	7	81	80	*	D,S	Boulders top clay 52; gravel sand 70; brown shale 90; brown
	Con XII	10	37	H. Walker	G.L. Davidson	Jan.3, 1961	4	12	55	45		D,S	limestone 125. Water at 120. Sand gravel 42; hardpan 68; stony hardpan 78; shale 105; grey
	Con XII	W	37	L. Scott	90	May 29,1963	4	6	70	38		D.S	limestone 130. Water at 130. Gravel stones 29; stony hardpan 79; brown soft shale 120; brown
	Con XIII		42	R. Arbuckle		Aug.29,1961	4	20	30	17	и	D.S	medium hard shale 141. Water at 120 and 191. Old well 15; sand gravel 16; har ban 69; shale 74; brown rock
						-							103. Water at 103.
	Con XIV		34	A. Coulter	G.L. Davidson	Feb.13,1963	4	12	70	65		5	Sand gravel 18;hardpan 58;soft clay 112;hard clay 150;brown soft shale 168;brown medium soft limestone 183. Water at 183.
	Con XIV	**	36	C. Czerniawski R. Burchill	*	Jan.12,1961 Apr.11,1962	4	12	24 45	12 32	**	D,S	Sandy gravel 54; shale 79; hard brown rock 110. Water at 110. Old well 6; hardpan 52; gravel hardpan 60; hardpan 97; shale 104;
	Con XIV		42	H. Hutton		Mar.25,1963	4	10	20	11		D.S	brown rock 129. Water from 120 to 129. Topsoil 1; boulders 3; gravel stones 26; hardpan 52; brown soft
	oon are						1					2,0	shale 68; brown medium hard shale 101. Water at 101.
	Goderich Town			M. Armstead	Ladco Drilling	Aug.30,1963	4	10	185	168	Ffesh	D	Brown clay 14; fine sand 24; grey clay 30; fine sand 36; grey clay rocks 118; brown limestone shale 195. Water from 188 to 193.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCA	TION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
URON COUNTY											
Goderich Tw BC	P. lot 1	J.Hughes	F.W. Jackson	Oct.24,1963	4	12	65	40	Fresh	D	Clay fill 2; blue clay grit 50; blue clay rock 105; limestone
вс	<b>"</b> 2	J.D. Lindsay	*	Jan.24,1962	4	12	83	35	•	מ	125. Water at 110 and 120. Old well 50; blue clay 80; rock clay 90; blue clay 100; shale
BC	<b>"</b> 45	B. Welsh	W.D.Hopper&Sons	Sep. 7,1963	4	8	225	220		D,S	103; red rock 118. Water at 116. Yellow clay 30; sand 35; blue clay 60; stony hardpan 96; loose
Con I	• 5	J. Spoor		Sep. 8,1960	ų.	12	68	54		D	rock 99;brown limestone 270. Water from 260 to 270. Blue clay 90;gravel 102;blue clay stones 230;gravel 240; hardpan 315;gravel 320;hardpan 337;gravel 350. Water from
Con I	• 10	D. Crich	•	Aug. 8,1961	4	12	86	74	*	D	337 to 350. Sandy clay 18; blue clay stone 97; hardpan 124; gravel 129; cemented gravel rock 152. Water at 152.
Con I	• 15	R.C.Hays Jr.	•	May 23,1961	4	10	58	47		ם	Yellow clay 23; blue clay 76; hardpan 89; brown rock 149. Water from 140 to 149.
Con I	<b>"</b> 16	H. Anderson		Apr.28,1961	4	12	52	94	•	P	Fill 3; sand 12; coarse gravel stones 28; grey clay stones 106; brown limestone 157. Water from 150 to 157.
Con I	<b>1</b> 6	N. Fuller	P. W.Jackson	Apr. 5,1962	4	12	83	42	•	D	Clay losm 2; sand 12; blue clay 85; rock 95; herd clay grit 112; limestone 130. Water at 12. 85 and 120.
Con I	* 19	W. Elliott	W.D Hopper&Sons	Apr.18,1960	4	6	65	50	*	D	Clay 90; stony hordpan 105; grey limestone 152. Water from 140 to 152.
Con I	<b>2</b> 0	G. Crane	•	Jul.14,1960	4	10	48	41	•	ם	Yellow clay 25; blue clay 90; clay stones 115; loose rock 140; brown rock 156. Water from 145 to 156.
Con I	" 22	M. Straughan	F.W.Jackson	Apr.14,1962	4	12	74	50	•	ם	Clay loam 3; yellow clay 15; blue clay 80; rock gravel sand 107; red rock 127. Water at 90 and 120.
∞n I	<b>"</b> 28	W.S. Clark	•	Jun. 2,1962	4	12	115	34	•	ם	Black loam clay 2; yellow clay hardpan 16; blue clay 60; clay grit 120; grit clay 152; limestone 155. Water at 153.
Con I	* 29	H.Galbraith	•	Aug.22,1963	4	12	40	31	•	D	Black loam 2; herdpan 10; blue clay 72; rock boulder 75; blue clay gravel 103; limestone 107. Water at 104.
Con I	* 31	W. Naftel	W.D.Hopper&Sons	Jul.26,1960	4	10	52	27	•	ם	Blue clay P5; stones clay 115; brown limestone 152. Water from 130 to 150.
Con I	* 36	P.Heitbohmer	*	Oct.16,1961	4	10	40	33	•	כ	Blue clay stone 68; hardpan 86; brown rock 117. Water from 115 to 117.
Con II	* 7	G. Ameroso	•	Feb.19,1961	4	10	55	49		D	Yellow clay 36; blue clay 94; hardpan 106; brown limestone 147. Water from 140 to 147.
Con II	* 7	H. Fuller	P.WJackson	Mar.15,1963	4	10	45	3°		D	Hardpan 12; blue clay 80; clay grit rock 109; limestone 133. Water at 80 and 120.
Con II	• 8	A. Leitch	W.D.Hopper&Sons	Aug.16,1961	4	4	45	42		D	Blue clay 25; sand 38; clay stone 72; sand 102; gravel 115; rock. Water from 102 to 115.
∞n V	• 16	E. Marshall	F.W.Jackson	Dec.13,1961	4	6	160	138		D	Clay loem 3; yellow clay grit 15; sand clay grit 50; clay grit sand 120; clay limestone shale 158; limestone 195; limestone black rock 213. Water at 15, 120, 195 and 210.
Con VI	<b>"</b> 31	A. Bettles		Apr. 6,1963	3	3	163	153	•	D	Sandy loam 3; yellow clay 10; clay send 50; clay grit 120; grave; boulders 183; buff rock 199. Water at 50, 144, 183 and 190.
Con VII	* 26	E. Cox		Nov.30,1961	4	6	230	201		D,S	Dark clay loam 2; yellow clay 10; blue clay 65; sand 100; clay sand grit 160; clay grit rock 197; limestone sandstone 255. Water at 65, 22 and 255.
Con VII	* 36	J. Vanninhuys		Nov. 2,1963	4	8	175	175	•	ם	Clay loam 2; hardpan stone 15; blue clay 75; sand clay grit 190 rock grit 215; buff rock 255. Water at 225 and 250.
Con VIII	* 28	W. Riddell	*	Jul.31,1963	4	4	200	200	•	D	Clay loam 2; hardban 20; blue clay 80; clay sand 180; clay grit 196; limestone 218. Water at 200.
Con IX	* 27	E.N. Grigg	,	Apr.18,1963	4	6	253	253		מ	Clay loam subsoil 2; brown hardpan grit 15; blue clay 100; clay grit 183; rock grit sand 200; limestone 220; buff rock 276. Water at 266.
∞n X	* 32	F. Cantelon	W.D.Hopper&Sons	Jun. 4,1963	4	6	253	249	•	D,S	Yellow clay 50; sand 67; blue clay 110; hordpan 202; brown limestone 200. Water from 270 to 280.

	URON COUNTY -												
	Con XV		23	R.E.Thompson	W.D.Hopper&Sons	Nov.28,1960	4	7	240	234	Fresh	3	01d well 30; send 97; herdren 126; brown limestone 254. Water from 240 to 254.
	Con XV	*	24	D. Forbes	P.W. Jackson	Jun.17,1963	5	18	°5	54		D	Clay loom 2; buff clay grit 15; clay grit 40; clay gravel 55; clay grit 97; clay rock 109; limestone 115. Water at 110.
	Con XV		35	F. Powell	Hadco Well Digging	Jul.19,1963	271	2	29	10		D	Topsoil 1; brown sandy clay 18; brown sand 30. Water at 18.
	Con XVI	*	24	M. Forbes	P.W. Jackson	Apr.21,1962	4	12	66	50	×	ס	Subsoil 1; stones clay 4; vellow clay grit 16; clay sand 50; gravel sand 90; clay grit 106; limestone 126. Water at 50 and 115.
	Con XVI	*	25	L. Tyndall	W.D.Hopper&Sons	-ec.20,19€2	4	21	75	50	н	5,5	Old well 4; sandy clay 9; blue clay 22; stones 26; clay 55; sandy clay 78; hardpan 92; limestone 118; grey limestone 129. Water from 120 to 129.
	∞n XVI	*	36	R. Harland	F.W. Jackson	Aug. 4,1962	4	12	90	60		D	Fill 2; clay grit 20; sand 50; blue clay grit 105; boulders clay
	∞n XVII	*	24	F. Vodden	W.D.Hopper&Sons	Jul. 8,1960	4	10	27	13		D,S	shale 112; limestone 122. Water at 115. Old well 27; cay stones 59; gravel 62; brown limestone 117.
	HR		7	B. Tyndall	.Hadco Well Digging	Sep.18,1962	30	8	13	5		D,S	Nater from 100 to 117. Topsoil 1; brown sand 14, Water at 5.
	HR	m	10	W. Forbes	F.W. Jackson	Jun.30,1962	4	12	65	31		ם	Black loam 1; yellow clay stone 20; clay 95; clay grit 92; grey shale 100. Water at 85 and 92.
ы	HR	н	13	j.P.MscMath		Aug.29,1962	4	12	95	95	*	D	old well 20; boulders gravel clay 35; blue clay 90; shale sand 100; limestone 123. Water at 111.
151	HR	n	14	Ont.Dept. of	C.Goodberry Well Drilling Ltd.	Mar.23,1960	6	5	125	77		P	Gravel 13; sand 35; gravel 39; hardpan 57; limestone 138. Water
	HR	*	19	Highways G. Potter	P.W. Jackson	Mar.29,1962	4	12	86	86	•	ם	at 71 and 122. Black subsoil 2; yellow clay stones 10; blue clay grit 30; gravel 40; sand 100; rock sand 104; limestone 117. Water at 40
	HR	10	20	E. Brown		Mar. 1,1962	4	12	88	88	*	D	and 109. Black loam 3; yellow clay grit 15; blue clay grit sand 25;
	HR	**	20	F. Radford	w	May 7, 1963	4	12	90	90	**	כ	blue clay sand 97; herd rock 118. Weter at 25 and 109. Clay loem 2; hardran 15; sand grit 55; sand grit clay 95; rock
	WC	**	R	J.M.Driver	11	Oct.24,1961	4	8	150	150	**	ם	clay 104; limestone 112. Water at 106. Black loam 2; yellow clay 12; blue clay grit 65; quicksend clay 119; blue stone 121; clay sand stone gravel 149; sandstone rock 180; limestone 206. Water at 65, 180 and 200.
	MC	*	6	G. Slavin	W.D.Hopper&Sons	Jan.28,1960	4	10	137	130	•	D,S	Herdman 40; sand 132; herdman 151; brown limestone 216. Water from 200 to 216.
	MC	M	22	Turner's Corner	s #	Jul.28,1961	4	10	158	150	•	P	Clay stones 37; sand 49; sandy clay 86; stony clay 166; grey rock 238. Water from 225 to 238.
	M C M C		83 83	H. Williams D. Cook	G.L. Davidson W.D.Hopper&Sons	Oct.24,1960 Dec. 6,1961	4	8 10	113 105	103 100		ם כ	Sand 60; clay 95; shale 12?; grey hard rock 151. Water at 151. Sand 62; clay stones 93; hardpan 109; brown rock 130. Water at 130.
	MC		84	R. Whitmore	F.W. Jackson	Sep.18,1962	4	8	195	187	•	ם	Clay loam 2; brown clay 15; sandy clay 40; rocks clay 100; blue clay grit 160; shale 180; clay gravel 201; limestone 209. Water at 204.
	Grey Twp.												
	Con I		t 26		G.L. Davidson	Mar.24,1961	4	15		6	Fresh	D,S	Sand 10; clay 42; sand 49; hardpan 76; gravel 78; hardpan 105; sand gravel 123; shale 138. Water at 138.
	Con I		40			Aug.19,1963	4	12	35	29	"	s	Hardpan 41; sand gravel 48; soft brown shale 75; soft brown limestone 129. Water at 129.
	Con I	,	46	M. Mitchell		Apr.19;1960	4	12	36	30	•	D,S	Sand 20; herdpan 101; clay 140; ehale 149; dark brown rock 170; light brown rock 188. Water at 188.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCA	TION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING		STATIC LEVEL		USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Gre	OUNTY Twp	cont.		Molesworth Cheese&Butter Co-op	C. Keeso	Sep.24,1960	4	20	18	171	Fresh	In	Topsoil 3;hardpan boulders a;clay gravel 52;gravel limestone 78;brown shale 84;brown limestone 117. Water from 110 to 117.
	n I n II	*	53 11	B. Mitchell B. Hayden	G.L. Davidson C. Keeso	Sep. 1,1960 Feb. 8,1963	4	10 18	36 40	20 39	:	D,S D,S	Pit 5;herdman 33;shale 5?;light brown rock 106. Water at 106. Dry well 6;sandy clay gravel 28;haringn 45;sandy clay gravel
Con	n II		32	C. Holmes	Hadco Well Digging	Sep. 6,1961	30	4	19	10		מ	84;brown shale 106;brown limestone 150. Water from 140 to 150. Topsoil 2;brown clay 5;brown sand 9;gravel 10;brown sand boulders 14;arey clay 19. Water at 9 and 12.
Con	IV c		29	J. Purvis	C. Keeso	Apr. 3,1961	4	19	22	21	•	D,S	Old well 20; hardpen boulders 78; sendy gravel 104; brown shale 244; brown limestone 252. Water at 252.
Con	n VII		18	C. Raynard	G.L. Davidson	Sep. 8,1960	4	15	36	29		D,S	Topsoll 6;hardpan 38; coarse sand 54; red shale 91; brown limestone 117. Water at 117.
	IIIV c		22	G. Brown	Durham Drillers	Feb. 7,1961	4	10	30	23		D	Grevel hordpan 20; gravel 23; sand gravel 87; brown limestone 111. Water at 105.
	IIIV c		23	R. Cumningham	W.D.Hopper&Sons	Jun.28,1961	4	12	30	28		C	Fill 5; yellow clay 17; sandy clay 28; stony clay 55; hardpan 96; brown limestone 127. Water from 115 to 127.
	n IX		7	A. Moses	E.A. Keeso	Nov.14,1963	4	15	23	19		D,S	Dark sand clay 8; hardman boulders 24; hard brown limestone sand 45; hard brown limestone 60. Water from 55 to 60.
_	n X		10	N. Hoover	Durham Drillers	Feb.27,1961	4	18	20	16		S	Clay boulders 30; herdnan boulders 39; hard brown limestone 50; grey limestone 81. Water at 79. Old well 18; hardban 28; brown shale 65; blue limestone 104;
	n XI n XI		1	G. Wesenberg W.I.Armstrong	C. Keeso	Sep.28,1963 Oct. 8,1963	4	12	25 23	17½ 22½		ם	brown limestone 128. Water from 110 to 128. Old well 16;sandy clay gravel 29;brown shale 70;brown
Co	n XI n XI		6	S.S.# 1.Grey N. Pfelfer	Durham Drillers F.W. Jackson	Apr. 7,1961 Apr. 13,1961	4 4	16 10	1.7 30	14	*	P D	limestone 118; blue limestone 133. Water from 122 to 133. Clay boulders 29; hardpan 43; brown limestone 79. Water at 76. Clay light loem 2; yellow brownish clay grit 15; blue clay
Co	n XII		3	B. Speir	Durham Drillers	Mar.15,1961	4	7	15	10	•	D,S	grit gravel 41; limestone 43; grey shale 63. Water at 43. Topsoil 2; clay boulders 43; hardman 49; brown limestone 92. Water at 79.
Co	n XV		4	J. Nolan	W.D.Hopper&Sons	Nov. 7,1961	4	13	35	34		D,S	Fill 4; sand 9; blue clay stones 35; sand 43; hardpan 70; gravel stones 77; brown limestone 113; grey limestone 124; brown black
Con	n XVIII		1	H. Travis	*	Sep. 6,1960	42	10	15	10		D	limestone 139. Water from 130 to 139. Topsoil fill 3; yellow clay 10; blue clay 25; hardpan 69; loose rock 74; brown limestone 90; black white rock 104. Water from 100 to 104.
Co	n XVIII		1	Grey Twp School Area 2	•	Jun. 6,1962	4	12	32	27		P	Clay stones 43;gravel 47;clay stones 70;grey rock 117. Water at 117.
Co	IIIVX n	*	1	D. Ennis	C. Keeso	Nov.14,1962	43	15	26	25		ם	Torsoil 4; clay 45; sandy hardban 60; sandy shale 70; hard rock sand 80; brown rock 125. Water from 118 to 125.
Co	n XVIII	*	1	L. Murray	<b>M</b> I	Nov.28,1962	41/2	15	26	25	-	D	Top clay 4; brown clay 45; sandy hardnan 60; sandy shale 70; hard rock sand 80; brown rock 125. Water from 118 to 125.
	Twp.	lo	t 2	Huron Tractor &Equipment Co.	W.D.Hopper&Sons	May 28,1961	6	24	26	25	Fresh	С	Topsoil 1; sendy clay 4; yellow clay 10; blue clay 36; stony gravel 56; hardpan 65; blue clay 90; hordpan 104. Water from 36 to 56.
Co	n I	*	12	R. Pryde	Hadco Well Digging	May 11,1962	271	8	45	28	*	s	Topsoil 1; brown send clay 5; brown clay 11; blue clay stones
Co	n III		9	L. Simpson	W.D.Hopper&Sons	Sep.13,1961	4	7		272		D,S	33; brown sand 36; blue clay gravel 45; gravel 46. Water at 45. Clay stones 42; blue clay 70; cemented gravel 76; brown rock 302. Water from 300 to 302.

		COUNTY -												
	Con I	wp coi		25	W.E. Forrest	Hadco Well Digging	≝ec. 6,1963	30	1	36	27	Fresh	D,S	Topsoil 2; clay 26; sand 38. Water at 27.
	Con I			16 17	D. Mousseau L. Mousseau	R. Hudson	Aug. 6,1963 Oct. 9,1962	36 36	4 2	14 20	11 16		D D	Brown clay 5;gravel 11;blue clay 16. Water at 11. Brown clay stones 4;gravel 8;blue clay stone 16;blue clay 18; guicksand 21. Water at 18.
	Con I	v	100	22	J. Hovius	Hadco Well Digging	Nov.16,1963	30	3	30	20	•	D	Topsoil 1;hard clay stone 6;sand 26;clay 29;sand clay 34. Water at 20.
	Con I	v	**	23	*	**S5***B	Nov.16,1963	30	3	18	20	*	s	Topsoil 1; sand 18; sand clay 19; sand 21; and clay 31. Water at 18 and 21.
	Con V	rī	H	16	L. Veri	W.D.Hopper&Sons	Sep.18,1960	5	6	90	87	*	D,S	Sand 15; blue clay 60; hordpan 89; white limestone 153. Water from 140 to 153.
	Con V	rī	**	19	D. Blackwell	Hadco Well Digging	Jul.18,1963	30	4	48	36		D,S	Topsoil 1; brown clay 16; blue clay 41; brown sand 50. Water at 41.
	Con V	T	**	23	I. McAllister		Dec.19,1962	4	6	264	260	**	D,S	Clay 20; sand 50; clay stones 130; rock 281. Water from 260 to 280.
	Con V	'III	*	18	A. Grenier	Hadco Well Digging	Dec. 4,1963	30	2	27	23		D,S	Clay 4; sand 12; clay 16; sand 30. Water at 23.
	Con I	X		20	H. Neeb	W.D. Hopper& Sons	ec. 3,1962	4	6	255	252		D,S	Clay 20; sand 80; clay stones 147; brown rock 273. Water at 273.
	Con I	X	**	21	C. Decker	Hadco Well Digging	Dec. 5,1963	30	1	42	36		D,S	Brown clay 35; grey sand 44. Water at 36.
	Con X	(	Ħ	11	L. Farwell	W.D.Hopper&Sons	Aug.23,1962	4	10	253	251		D,S	Clay stones 63; sand 82; blue clay 170; hardpan 200; brown rock 273. Water at 273.
ъ.	Con X	UV	10	6	E. Rader	A.A. Hesl	Nov.12,1960	4	3	115	112	**	כ	Topsoil sandy clay 5; yellow clay 14; blue clay 79; limestone 80; blue clay 102; soft limestone 120; limestone 130. Water
153	Con X	(IV	н	21	T. Bedard	*	Dec. 9,1963	4	4	149	114		D	from 128 to 130. Yellow topsoil 14; blue clay 40; send 45; blue clay 65; boulders 67; blue clay 108; loose limestone clay 139; brown limestone
	Con X	CIV	ņ	28	L. Willert	*	Nov.28,1963	6	7	125	120	*	D,S	156. Water at 150. Yellow topsoil 14; blue clay 56; sand 61; gritty clay sand 101; limestone 104; hard limestone 118; loose limestone 120; hard limestone 136. Water at 132.
	Con X	ζV		16	M. Webb	F. Rendle	Dec.15,1962	4	8	105	100	**	D.S	Blue clay 154;hard clay boulders 161;brown rock 164. Water at 163.
	Con X	v		23	R. Bedard	A.A.Heal	Oct. 6,1950	4	3	134	105	**	s	Topsoil boulders 10; grey clay 123; hardpan 130; limestone 134. Water from 130 to 134.
	LRC		**	2	V. Ducharme	W.D.Hopper& Sons	Feb.27,1961	4	10	72	68	**	D,S	Yellow clay 18; clay stones 35; blue clay 85; soft clay gravel 110; hardon 135; grey limestone 163. Water from 158 to 163.
	LRC			3	D. Jeffery	•	Jun.13,1961	4	10	54	48	**	ם	Yellow clay 27; blue clay 53; hardpan 102; stony hardpan 138; brown rock 160. Water at 160.
	LRC		*		St.Joseph Separate School	*	Aug.27,1960	4	12	59	48	11	P	Blue clay 80; hardpan 94; gravel stones 112; brown limestone 154, Water from 140 to 154,
	LRC		**	6	I. Ducharme		Apr. 3,1962	4	13	59	58		D,S	Stones fill 7; blue clay 78; clay stones 109; gravel 120; hardpan 138; brown limestone 170. Water from 160 to 170.
	LRC			10	V. Cantin	*	Feb.18,1961	4	12	62	57	(F)	D	Yellow clay 12; blue clay stones 35; blue clay 85; gravel clay 97; hardpan 123; loose rock 133; brown shale 153. Water from 145 to 153.
	LRC		**	10	C.R. Burgess	*	Jul.12,1961	4	12	67	60	**	С	Yellow clay 10; b'ue clay stones 108; herdpan 123; grevel 132; brown rock 160. Water from 150 to 160.
	LRC		**	11	S. Jeffery	•	Sep. 6,1960	4	11	49	46		ס	Blue clay 90; hardpan 108; light brown limestone 143. Water from 130 to 143.
	LRE		"	13	G.A. Smith	F.W. Jackson	Sep.10,1963	6	16	58	5 <sup>8</sup>	,	c	Sandy clay 2; buff clay 15; blue clay 75; boulders 80; clay grit rock 108; limestone 135. Water at 110.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

1	OCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL		USE"	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COU	NTY -	cont											
Hay Twp.	- cor		16	C. Alford	R. Hudson	Jun.17,1963	26				The Later	_	P3 46-333 26- W-tt 26
LRC	•			J.R.Pike	n. nudson	Jun. 18, 1963	36 36 36			21	Fresh	D	Brown clay 15; blue clay 36. Water at 36. Brown clay 3; gravel 8; blue clay 20. Dry hole.
LRC		**		L.G. Browning		Jun.18,1963	36	4	20	16	:	D	Brown clay 12; blue clay 16; gravel 18; blue clay 24. Water at 16.
LRC			20	I.Resjardine	P.W. Jackson	Nov. 8,1963	4	12	55	48	•	D	Clay loam 2; hardpan grit 20; blue clay 90; stone clay rock 145; limestone 153. Water at 120 and 143.
LRC			25	R.E. Wilton	A.A. Heal	Sep. 3,1960	4	6	50	43		D	Topsoil yellow clay 12; grey clay 112; hardpan limestone 120.
LRC			25	I. Pierce		Jun.18,1963	4	5	77	37		D	Water from 116 to 120. Fill topsoil yellow clay 15; blue clay 107; hardpan 111;
			~,			0 un 1 1 0 , 1 7 0 7	-	2	1,1	31		J	limestone 114; soft limestone blue shale streaks 124; limestone
LRC			27	W. Turnbull		Jun.15,1961	6	6	50	12		P	130. Water at 126½.   Fill topsoil sandy clay 12; clay 70; loose limestone 73;
									00			r	limestone 74. Water from 70 to 74.
LRC NB		*	32	W. Hyatt G. Gingerich	W.D.Hopper & Sons Hadco Well		271	2	70	60	Sulphur		Clay 75; hardpan 84; grey limestone 87. Water at 87.
M.D		-	20	G. Gingerica	Digging	Oct.30,1961	2/2	1	57	49	Fresh	D	Topsoil 1; brown clay 17; blue clay 28; brown sand 31; blue clay 49; brown coarse sand 58; brown clay. Water at 49.
TRN		*	22	K. Kellar		Jun. 18, 1963	272	2	30	20		D	Topsoil 1; brown clay 15; blue clay 31; brown sand 32. Water at
TRN			22	G. Kraft		Jun.18,1963	271	2	28	6		D	71. Topsoil 1; sand 5½; gravel 6; blue clay 30. Water at 6.
TRN			23	H. Schroeder	A,A. Heal	Nov. 3,1962	5	6	175	175		D	Topsoil gravelly clay 22; blue clay 25; boulders 26; clay sand
								1					35; clay gravel 90; clay 95; gritty clay 117; loose limestone sand 118; limestone 180. Water at 178.
TRN			23	Dashwood	Hadco Well	Jul.17,1963	30	4	60	9		P	Gravel 1; brown sand 9; blue clay 23; gravel 25; blue clay 42;
				Planing Wills	Digging								blue sand 47;blue clay 55;blue sand 59;grey sand blue clay 69. Water at 9, 23, 42, 56 and 69.
													oy. water at y, 2), 42, 30 and oy.
Howick To	wp.	7-4	26	R. Ingram	C. Keeso	May 1, 1962	4	18	11	10	Bereit	D	Old mall 10-rand manal bhabandana 55-banna arbal 50-banna
COR A		100	20	n. Ingram	C. Veeso	may 1, 1902	-	10	11	10	Fresh	D	Old well 10; sand gravel 44; hardpan 55; brown sahel 79; brown limestone 138. Water from 130 to 138.
Con A			27 28		Water WellDrilling		5 44	10	20	20		D	Gravel 49; brown limestone 85; Water at 85.
Con A		-	20	P.&J. Kerr	C. Keeso	Aug. 24, 1962	42	18	15	13		D	Old well 15; hardpan 43; clay 65; shale 84; brown limestone 112. Water from 100 to 112.
Con B			25	Ont.Dept.of	C.Goodberry Well	Nov.23,1960	6	20	20	11		P	Topsoil 1; hardpan 22; clay 43; hardpan 57; gravel boulders 78;
Con C			36	Highways J.&C.Taylor	Drilling Ltd. C. Keeso	Aug.29,1962	4	18	23	20		D.S	grey limestone 1332. Water at 125. Topsoil 2; white clay 34; hardpan gravel 46; brown shale 94;
			-	Bros.					1				brown limestone 147. Water from 130 to 147.
Con III			3	R.I.Jones	•	Jul.28,1962	4	18	21	14	•	D,S	Sand gravel 28; brown shale 95; soft brown limestone 105; brown limestone 148; hard brown limestone 160. Water from 155
			100			,							to 160.
Con III		*	24	I. Gibson	E.A. Keeso	Nov.23,1960	4	15	13	11	•	D,S	Old well 22; clay gravel 47; gravel 54; shale 68; brown limestone
Con IV		10	9	G. Burgess		Dec. 2,1961	4	15	26	24		D.S	92; white limestone 132. Water at 132. Gravel clay stones 18; gravel clay 42; brown shale 69; brown
		_			-			10000					limestone 72. Water at 72.
Con VI		•	1	R. Sanderson	C. Keeso	Oct.11,1962	4	18	23	22	•	D,S	Topsoil 2; sand 12; white clay 34; brown clay gravel 46; brown limestone 88; white limestone 162. Water from 140 to 162.
Con VI			11	J. Vandkemp	E.A. Keeso	Oct.13,1960	4	19	31	30		D,S	Clay 71; gravel clay 78; brown shale 91; white: limestone 120.
Con VII			19	L.L.Siefert		Jun. 18, 1962	4	14	18	9		D S	Water at 120. Previously drilled 119; hard grey rock 148. Water from 145 to 148
Con VII				G. Pettendick	*	Jun. 2,1960	4	14	9	7		D	Clay boulders 47; brown shale 68; hard white limestone 72.
Con VII			20	W. Clyne			4	16	22	10			Water at 72.
CON VII						Oct. 5,1960	*	15	22	19		D	Old well 16; clay gravel 39; gravel 46; brown shale 50; hard white brown limestone 102. Water at 102.
Con VII			21	G. Martin	C.Keeso	Sep.10,1963	4	14	31	27		D	Topsoil 5; clay 28; hardpan 60; sandy clay 80; brown shale 90; hard brown rock 127; hard grey rock 137. Water at 130.

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	URON COUNTY												
	Howick Twp. Con VII	ot	21	D. Dinsmore	C. Keeso	Apr. 5,1963	4	15	15	11	Fresh	D	Old well 18; sandy clay gravel 32; hardpan 55; brown shale 79; hard brown limestone 132; brown limestone. Water from 135
	Con VII	•	21	C.W.D'Arcey		Apr.11,1963	4	15	19	16	-	۵	to 155. Old well 19; sand grevel 32; clay 65; brown shale 70; brown
	Con VII		26	H. Espensen	WaterWellDrilling	Aug.23,1962	4	8	8	8	*	D	limestone 92. Water at 92. Old well 10; clay hardpan 30; blue shale 49; white limestone
	Con VIII		5	R.Stevens	E.A. Keeso	Feb.22,1962	4	12	18	16	*	D	64. Water at 64. Grevel clay 16;gravel stones 24;brown shale 34;brown limeston
	Con VIII	•	5	G. Moir		Mar. 3,1962	4	12	12	11		D	113. Water at 113. Clay gravel 21; gravel stones 38; brown shale 54; brown limeston
	Con VIII		6	T. McInnès	•	Jun. 8,1961	4	14	25	24		D,S	112. Water at 112. Old well 27; clay gravel 54; brown shale 67; brown limestone 91.
	On VIII	*	17	G.Steinacker	Water WellDrilling	May 10,1962	4	10	13	13		D,S	Water et 91. Sandy gravel 30; hardban 66; brown white limestone 94. Water
	Con IX		4	W. King	C. Keeso	Oct. 4,1962	4}	17	16	14		D,S	at 93. Topsoil 5;hardpan 40;sandy clay 85;shale 95;brown rock 111.
	Con IX		14	R.L. Stephens		Aug.17,1962	43	16	111	11		D,S	Water from 100 to 111. Topsoil 2; brown clay 38; shale rock 48; brown limestone 86.
	Con IX	•	17	Central School	WaterWellDrilling	May 6, 1963	7	58	52	13	•	P	Water at 85. Topsoil 8;hardpan 39;gravel boulders 71;loose brown limestone 85;hard brown limestone 109;grey brown limestone 255. Water at 112, 172 and 252.
	Con IX		20	R. David	C. Keeso	Nov. 1,1962	4	12	61	41		D,S	Topsoil 2;hordpan boulders 96;brown sand shale 119;hard brown limestone 162, Water from 140 to 162.
7	Con IX		24	M. Donaldson	E.A. Keeso	Aug. 3,1960	4	12	24	19		D,S	Stones clay 8; hardpan 32; grayel hardpan boulders 96; grey shale sand 114; grey limestone 132. Water at 132.
л	Con X	•	19	C. Cullen	R.H.Gadke	Sep.29,1961	4	8	32	30		D,S	Clay boulders 60; sand 108; brown limestone 149; grey limestone 152. Water from 149 to 150.
	Con X	•	20	W. McElwain	E.A. Keeso	Apr.18,1963	4	15	6	Plows	*	D	Old well 24; grey brown shale 27; grey hard limestone 95. Water
	Con X	•	24	G.W. Greer	C. Keeso	Jul.12,1963	4	10	60	39		D,S	at 95. Topsoil 3;herdpan gravel 68;brown sandy shale 94;hard brown limestone 148;white limestone 161;soft brown limestone 181; Water from 148 to 181.
	Con XI		32	E. Murray	E.A. Keeso	Nov. 7,1960	4	14	22	20	*	D,S	Old well 19; hardpan stones 38; clay gravel 59; sand 72; shale 80; gray limestone 104. Water from 101 to 104.
	Con XII		30	H. Litt	G.L. Davidson	Mar.16,1962	4	16	40	27	•	D,S	Old well 31; sand 40; hardpan 45; stony hardpan 95; grey hard
	Con XV	•	18	R.H. Gadke	Water WellDrilling	May 31,1962	4	10	8	8		ם	rock 125;grey soft rock 135. Water at 135. Topsoil 12;sand gravel 86;hardpan boulders 120;brown limestone 142. Water at 140.
	Con XY		20	S. Douglas		Nov. 5,1963	4	10	30	30	*	D,S	Dug well 15; gravel sand 75; hardpan stones 129; brown limestone
	Con XV		33	M. Greenley	E.A. Keeso	eb.13,1962	4	15	12	9		D,S	150. Water at 150. Stony clay gravel 40; hardpan 71; brown shale 91; hard brown
	Con XVI		15	R. Allen	WaterWell Drilling	Mar.13,1962	4	8	23	23	*	D,S	limestone 130. Water from 125 to 130. Topsoil 10;gravel 38;hardpan boulders 80;loose brown limeston 84;brown white limestone 144. Water at 140.
	Con XVII		27	J. Milligan	E.A. Keeso	Apr. 5,1963	4	14	21	18	×	D,S	Hardpan 45;gravel sand 58;shale 68;hard grey limestone 101.
	Con XVII		28	H. Kaufman		Jun.26,1962	4	14	30	28		D,S	Gravel stones 27; hardpan boulders 61; gravel sand 68; brown
	Con XVII	•	32	E. Keller		Nov.27,1963	4	18	56	55		D,S	shale 76;herd grey rock 121. Water at 121. Old well 37;herdpan stones 98;gravel stones 132;sandy gravel
	Con XVIII	•	29	J. Douglas		Oct.18,1961	4	15	46	45	•	D,S	161;grey shale 172;grey limestone 185. Water at 185. Clay 21;clay boulders 32;gravel clay stones 73;blue brown limestone 6;brown limestone 101. Water at 191.
			1 0	Postnotes simi	ing the meanings of 1						-1		of wells may be found at the and of founding

LOCATIO	)# 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COUNTY -				11								
Hullett Twp Con I Con I	lot		W.Livingston A.Veenstra	W.D.Hopper&Sons	Jan.30,1960 Jan.12,1961		6	44 279	40 277	Fresh	D,S D,S	Clay stones 87; limestone 118. Water from 100 to 118. Yellow clay 26; stony clay 83; gravel 90; brown rock 284. Water from 280 to 284.
Con I		17	C. Brandon	Hadco Well	Jul.26,1962	30	4	19	12		D,S	Topsoil 1; brown clay 4; sand gravel 5; brown clay 7; grey sandy
Con I		290	C.J. Brandon	Digging F.C. Jackson	Sep. 6,1962	5	12	131	131	*	ם	clay 12; brown sand 16; grey clay 20. Water at 12. Clay loam 3; hardpan 15; blue clay grit 50; sand 100; blue clay
Con I		21	Hearne	W.D.Hopper&Sons	Oct.15,1962	4	7	275	265	*	P	grit 125; shale clay 132; limestone 148. Water at 135. Old well 30; clay stones 67; hardpan 122; grey limestone 310.
Con III	*	2	Wholesale O. Wright	•	Feb.28,1963	4	10	60	37		D,S	Water from 300 to 310. Stones clay 45; grey rock 65; black rock 85. Water from 80
Con IV		26	J.A.Woon	Hadco Well	Nov.29,1963	30	2	24	20		ם	to 85. Topsoil 2; clay 8; sand 25; gravel 26. Water at 20.
Con V		18	L.Haasjes	Digging F.C. Jackson	Apr.26,1963	4	6	90	90	*	D	Open pit 5; sand 35; clay sand 80; gravel rock 115; limestone
Con V		20	J. Flynn		Nov.23,1962	4	10	80	70		D	134. Water at 115 and 130. Pit 6;red sand clay 30;blue clay105;gravel rock 123;limestone
Con IX		27	W. Vincent	•	Oct. 3,1962	4	10	43	35		ם	127. Water at 105 and 123. Clay loam 1; clay grit 10; clay stones 40; clay grit 69; rock 71;
Con XI		11	Leiper Bros.	W.D.Hopper&Sons	Nov.15,1962	4	14	32	29		D,S	limestone 78. Water at 74. Overburden 7; yellow clay 24; sand 29; hardpan 51; brown
Con XI		15	B. Wallace	C. Keeso	Aug.25,1962	4 2	18	32	30		D,S	grey limestone 129. Water from 110 to 129. Topsoil 3; clay gravel 35; sandy clay boulders 68; brown shale
Con XI		36	R. Gross	W.D.Hopper&Sons	Sep. 8,1962	4	10	82	78		D,S	90; brown limestone 140. Weter from 132 to 140. Yellow clay stones 42; gravel 56; clay stones 175. Water at
Con XII		16	8.8.# 7.		Mar.22,1962	4	14	30	28		P	175. Fill sand 7; clay 24; gravel 28; clay stones 55; hardpan stones
												90; stones 95; clay sand 127; brown limestone 140; white limestone 158. Water from 147 to 158.
Con XII		32	E. Hunking		Jun.15,1963		10	96	93	•	D,S	Sand 10; blue clay 50; hardpan 60; grovel 65; hardpan 70; rock 83; brown limestone 165. Water from 135 to 165.
Con XIII		13	P. Konarski	G.L. Davieson	May 27,1962		9	55	46		D,S	Sand gravel boulders 16; stony hardpan 86; hardpan 101; streaks brown yellow shale 128; brown soft limestone 146, Water at 146.
Con XIV		1	H. McClure	W.D.Hopper&Sons	Sep.28,1962	4	12	36	15		D,S	Clay stones 40; hardpan 62; brown rock 125. Water from 120 to 125.
Con XIV		21	F. Bainton	G.L.Davidson	Jul.24,1963	6	60	83	73		S,In	Sand 22; quicksand 52; sand gravel boulders 70; gravel stones hardpan 90; hardpan boulders 124; sbft blight brown shale 138; brown medium hard rock 212; blue/ brown soft rock 216. Water
Con XIV	*	25	L. Popp	W.D.Hopper&Sons	Sep.20,1962	4	10	50	45		D,S	at 216. Gravel 34; clay stones 68; sand 73; clay stones 114; gravel 119;
Con XIV		38	B. Doer	G.L.Davidson	Nov. 9,1960	4	12	55	48		D,S	grey rock 166. Water from 150 to 166. Clay 20; sand 38; clay 52; sand 71; herdpan 101; grey rock 136.
Con XIV		44	Community	W.D.Hopper&Sons	Nov. 7,1961	4	10	120	115	•	P	Water at 136. Clay stones 12; sand 18; clay stones 47; sand 72; hardpan 117;
Con XIV	*	45	Centre A.Kirkconnell		May 17,1961	4	7	130	115		D	brown rock 185. Water from 170 to 185. Clay 18; sand 52; clay 87; sand 108; clay stones 128; grey rock
MB	•	5	G. Youngblut	•	Jun. 7,1963	4	10	52	50	•	D	184, Water at 148 and 184, Yellow clay stones 20; hardpan 57; gravel 70; stony hardpan 100; brown limestone 150. Water from 140 to 150.
McKillop Twp. Con I	lot	7	D. Racho	W.D.Hopper&Sons	Peb.26,1961	4	10	40	30	Fresh	D,S	Yellow clay 27; stony clay 58; gravel 65; grey limestone 136. Water from 130 to 136.

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	URON COUNTY -												
	McKillop Twp. Con I		35	J. Powell	W.D.Hopper&Sons	Nov.30,1962	4	9	55	50	Fresh	D,S	Topsoil 1; yellow clay 12; blue clay 40; hordpen 80; loose rock
	Con II	w	15	T. Kale	•	Dec.22,1960	4	12	20	16	-	D,S	83;brown limestone 100, Water from 90 to 100. Clay fill 8;sandy clay 47;clay stones 65;har'pan 95;brown limestone 130;white limestone 146, Water from 135 to 146.
	Con II	*	19	K. Murray	F.W. Jackson	Dec. 3,1963	4	18	35	35		D	clay stones 5; sand 25; clay and grit 63; limestone 76. Water at 65.
	Con II		22	F.Kling Co. Ltd	W.D.Hopper&Sons	Mar.30,1962	8	225	45	11		In	Sandy clay 6; sand 12; stony hordpen 56; hard grey limestone 80; brown limestone 325. Water from 200 to 325.
	Con II	**	25	H. Palin	*	Jun.13,1962	4	17	16	13		D	Clay boulders 33; gravel 36; hardoan 42; grey rock 93. Water at 93.
	Con II	#	31	S. Scott	*	Dec.12,1963	Łş.	10	10	8		D,S	Yellow clay stones 10; blue clay stone 40; gravel 42; grey rock 81. Water at 81.
	∞n III	09	30	P. McCowan		May 30,1961	4	10	15	8	**	D,S	Yellow clay stones 23; gravel 43; blue clay stones 50; brown limestone 76. Water at 76.
	∞n III		30	E.Morton		Nov.30,1963	24	10	8	3		D	Topsoil clay 30; hardpan 46; gravel 48; grey rock 68; brown limestone 77. Water at 77.
	Con III	*	33	C.De Cort	*	Peb.10,1961	4	8	30	12	346	D,S	Yellow clay 32; stony brown clay 64; gravel 75; grey limestone 100. Water from 90 to 100.
	Con III		34	P. Uyl	*	Feb. 3,1961	4	8	35	12		D,S	Clay stones 57; gravel 65; grey limestone 96. Water from 90 to 96.
	Con III Con IV	**	35 8	L.Hugill V. Murray	F.W. Jackson	Nov. 7,1963 Feb. 1,1961	4	10	58 50	52 35	**	D,S	Clay 30; hardpan 47; grey rock 111. Water at 111. Old well 15; yellow clay grit 18; blue clay grit 80; fine sand
ت	Con IV		8	N. Maloney		Apr.21,1961	4	10	50	33	m	D	100; sand limestone 107; red gravel 117. Water at 80 and 107. Blackish light clay 3; sand 10; reddish clay stones 22; blue clay
157	C TV				_								grit 90; clay sand limestone 104; reddish rock 128, Water at 116 and 124.
	Con IV		10	R. Murray		Jan. 7,1961	4	10	30	29		D	Blackish loam 2; yellow clay stone 20; blue clay gravel 104; limestone trenton rock 120. Water at 40, 60, 80 and 110.
	Con IV		25	A. Smith W. Droger		Feb. 7,1961	4	14	34 16	26		D,S	Old well 34;hardpan 74;grey limestone 126. Water from 115 to 126.
					W.D.Hopper&Sons	Nov.21,1963				13		D,S	Yellow clay 20; gravel 28; blue clay stones 52; brown limestone 90; grey limestone 136. Water at 136.
	Con V		20	J. Kerr		Dec. 6,1963	4	90	20	12		D,S	Topsoil 1; sandy clay 10; hardpan 35; blue clay 45; hardpan 68; rock 72; hard brown limestone 150. Water from 140 to 150.
	Con ∀		21	G.A. Campbell	•	Nov.13,1963	4	12	7	6	*	D,S	Sandy clay 7; stones hardpan 31; hardpan 70; cemented gravel 101; brown limestone 130; grey limestone 147. Water from 140
	Con VI	**	2	W.R.Flanagan	F.W. Jackson	Nov.21,1963	4	12	78	38	**	D	to 146. Clay fill 3;hardpan 15;blue clay 30;boulders clay 35;clay grit rock 87:limestone buff colored rock 108. Water at 87
	Con VI		4	F. O'Rourke		Feb.11,1961	4	10	56	37		D	and 105. Blackish clay 2; yellow clay grit 12; sandy clay 20; stone 22;
				-									blue clay 28; limestone 32; stones clay 38; blue clay 78; limestone 108. Water at 90.
	Con VI	w	11	R. Murray	**	Apr.27,1961	4	10	24	22	10	D	Black loam sandy soil 3; sandy yellow clay 10; yellow clay stone gravel 20; blue clay grit 62; sandstone 84. Water at 15
	Con VI		11		*	Nov.16,1963	4	18	23	23	*	D	and 57. Clay fill 3; stones clay 15; clay grit 35; clay sand stones rock
	Con VI		15	E. Storey	W.D.Hopper&Sons	Apr. 9,1963	4	15	11	1		D.S	146; rock 149. Water at 148, Top clay 7; blue clay 24; stones 26; clay stones 57; hardpan 73;
					<b>.</b>								cerented gravel 94; white lime tone 116. Water from 106 to
	Con VI		20	R. Campbell		Jan.28,1961	žş.	14	9	7	*	D,S	Clay stones 25; stones 35; hardpan 112; brown limestone 155; dark grey limestone 184. Water from 155 to 184.
	Con VII	10	9	F. Ryan	•	Aug. 1,1963	5	25	27	25		D,S	Topsoil 1; yellow clay 10; blue clay 16; streaks gravel clay 30; hardpan 90; rock 97; yellow limestone 142. Water from 135 to 142.
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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

	LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
URON C	OUNTY -	cont					31 11						
McKillo Con VI	op Twp.		nt.	J.E. Sloan	P.W. Jackson	Nov.25,1963	4	15	30	20	Fresh		Black clay loam fill 3; clay grit 35; clay rock grit 85;
Con VI	III	•	11	C. Regele	W.D.Hopper&Sons	Nov.20,1963	4	12	22	21		D,S	limestone 106. Water at 106. Top clay 19;gravel 24;clay stones 55;hardpan 67;white
Con V	III		23	H. Pryce	(m)	Peb.24,1962	4	50	11	Flows	Sulphur	D,S	limestone 109;brown limestone 130. Water from 110 to 130. Sandy clay 18;clay stones 30;herdoan 62;clay stones 74;sand clay 84;grey limestone 110;black limestone 116;grey limestone
Con VI	III	×	25	J. Pethick		Mar. 5,1961	4	15	20	7		D,S	129. Water from 110 to 129. Clay stones 12;gravel 22;clay stones 107;gravel 112;brown
Con IX	x		16	H. Johnston	•	Jun.20,1960	4	6	25	22	Presh	D,S	limestone 153. Water at 150. Stony clay hardpan 110; grey limestone 147. Water from 140 t
Con I	X		20	0. Price		Aug.14,1962	4	90	13	7		D,S	Topsoil 1; yellow clay 10; blue clay 50; hardban 108; rook 113;
Con IX	X		22	H. Pryce		Apr.21,1961	4	10		Plows	Sulphur	D,S	grey limestone 150. Water from 135 to 150. Stones yellow clay 14; gravel 28; stony grey clay 76; grey
Con X		*	22	W. Alexander	*	Nov. 6,1962	5	15	11	10	Fresh	D,S	limestone 108. Water at 108. Top clay sand 5; yellow clay 17; hardpan stones 99; light brow limestone 145; black limestone 167; grey limestone 178. Water from 167 to 178.
Con X	I		2	K.Bewermann	F.W. Jackson	Dec. 9,1960	4	10	70	37	•	D	Sand 10; blue clay 50; clay limestone 89; Trenton rock 155. Water at 89 and 150.
Con XI	11	•	6	J. Braecker	•	Dec. 2,1960	4	10	50	32		D	Black losm clay 2; yellowish stony clay 18; reddish clay 25; clay stones 60; bluish clay grit 93; Trenton rock 125. Water at 115.
Con XI	III	*	5	H. Kleber	W.D.Hopper&Sons	Oct.25,1960	4	12	371	37	•	D,S	Fill stones 8; yellow clay 22; yellow clay stones 64; hardpan 82; white limestone 120; brown limestone 138. Water from 128 to 138.
Con XI	IV		3	J.& N. Schoonderwoerd	C. Keeso	May 12,1962	4	15	1	12		D,S	Topsoil 2; clay gravel 13; sand gravel 32; hardpan boulders 55 brown shale 72; brown limestone 86. Water from 80 to 86.
Con XI	IV	•	27	W. Coutts	,	Jul.26,1963	4	10	38	22	•	D	Topsoil 2; sandy clay gravel 24; hardpan 53; brown shale 92; brown limestone 132; white limestone 183. Water from 150 to 183.
Morris Con I		lot	1	N. Welwood	G.L. Davidson	Aug.22,1961	5	15	30	18	Fresh	P	Hardpan 15;gravel 20;hardpan 68;shale clay 100;brown soft
Con I			11	G. Casemore	C. Keeso	Aug.15,1963	4	15	46	45 <del>}</del>		D,S	limestone 107. Water at 107. Old well 27; clay 48; sand gravel 205; brown shale 211; white
Con I		•	27	D. Grummet	W.D.Hopper&Sons	Sep.30,1960	4	10	47	46		P	limestone 246; brown limestone 259. Water from 220 to 259. Topsoil 1; stony clay 10; hardpan 90; gravel 95; hardpan 145; cemented gravel 162; rock 165; brown limestone 212. Water at
Con I			31	G. Hethering	G.L. Davidson	Jul.19,1961	4	25	35	31	•	ם	200. Old well 19; hardpan 105; sand 112; hardpan 140; shale 157;
Con II	I	•	5	A. Edgar	C. Keeso	Aug.15,1962	4	18	28	26	•	D,S	grey rock 169. Water at 169. Old well 18; sand gravel 78; brown shale 135; brown limestone 181. Water from 160 to 181.
Con II	I	*	38	S. McLennen	G.L.Davidson	Dec. 1,1960	4	17	40	36		D,S	Fill 4; gravel stones 27; hardpan 72; clay shale 112; rock 139.
Con II	II	*	6	G. Higgins	*	Sep.21,1962	4	12	25	13	•	D,S	water at 139.  Topsoil 1;sand gravel 16;brown shale 36;brown hard limestor 95. Water at 95.
Con II	II	*	8	H. Nethery		Jan.27,1960	4	10	35	29	<b>10</b>	D,S	Sand stones 6; clay sand 14; gravel stones 16; hardpan stones 36; brown soft shale 56; dark brown soft rock 120. Water at 56 and 120.

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	Con III	1	ot 15		C. Keeso	ec. 5,1960		18	15	14	Fresh	D,S	Sand 8;hardpan 34;sandy clay 78;brown shale 80;brown limestone 132. Water from 120 to 130.
	∞n III		<b>"</b> 20	•		Dec.12,1960	4	18	20	9	•	D,S	Topsoil 3; hardpan boulder 35; clay gravel 58; sandy clay 84; brown shale 92; brown limestone 124. Water from 120 to 124.
	Con V		* 24	J.R. Kennedy	E.A. Keeso	Oct.30,1963	4	15	10	8	•	D,S	Gravel clay 10; hardpan stones 22; hard brown shale 57; anft brown limestone hard streaks 100. Water from 96 to 100.
	Con VI		w 21	H. Smith		Oct.16,1963	4	15	19	17	*	D,S	Dark brown topsoil 2;h rdpen stones 23;hard brown shale 51;
	∞n VII		" 12	C.Vananers- foort	W.D.Hopper&Sons	Nov.13,1962	4	13	10	9		D,S	hard brown limestone soft streaks 99. Water from 94 to 99. Yellow clay 7; sandy clay stones 25; hardpan stones 49; light brown limestone 105; dark grey limestone 107. Water from 95 to 107.
	Con VII		e 22	D. McLean	C. Keeso	Sep.20,1963	4	20	33	31	м	D,S	Fill 3; clay boulders 48; hordpan 63; brown shale 109; brown limestone 138; white limestone 154. Water from 140 to 154.
	Con VIII		• 9	C. Haines	W.D.Hopper&Sons	Sep.25,1960	4	9	29	19	*	D,S	Yellow clay 20; stone hardpan 43; hardpan 58; brown limestone
	Con VIII		* 14	W. Nicholson	G.L.Davidson	Sep.12,1963	4	15	20	121	*	D,S	90; black rock 119. Water from 108 to 119. Topsoil 2; sand 4; gravel 9; hardran 78; clay 82; quicksand 9)
	∞n VIII		" 26	R. MacCall	Hadco Well	Apr.11,1963	30	4	15	11		D	sand gravel 103; shale 148. Water at 148. Topsoil 2; brown clay rocks 8; blue hardpan clay rocks 15;
	Con VIII		<b>"</b> 28	H.& M.White	Digging E.A.Keeso	Oct.23,1963	4	15	32	29		D,S	blue hardpan 17;gravel 20. Water at 17. Gravel clay 21;soft brown clay stones 33;hardpan 59;hard
													brown shale 68; soft brown limestone soft streaks 136. Water from 118 to 123 and from 130 to 136.
	Con IX		" 10	K. Taylor	C. Keeso	Jun.29,1961	4	18	45	44	10	D,S	Topsoil 3; brown clay 14; gravel 30; sandy clay gravel 45; blue clay 78; white clay shale 92; red shale 104; brown
159													limestone 130; hard brown limestone 153; blue limestone 174.
_	Con IX		" 14	G. Wasson		Nov.24,1961	4	12	43	37	10	D,S	Water from 130 to 174. Topsoil fill 3; red clay 13; white clay 48; sandy clay gravel
													69;hardpan 89;brown shale 98;brown limestone 140;grey limestone 159;white limestone 167. Water from 160 to 167.
	Con IX		18			Dec. 8,1961	4	18	38	37	90	D,S	Topsoil 2; sand gravel 51; hardpan clay 86; brown shale 104; brown limestone 141. Water from 135 to 141.
	Con IX		<b>"</b> 29		*	Jul.12,1960	4	18	25	24		D,S	Topsoil 2; blue clay 30; herdpan boulder 52; sand gravel 58; gravel limestone 62; brown limestone 101. Water from 90 to 100.
	Con X		" 25	W. Shortreed	W.D.Hopper&Sons	Aug. 8,1961	4	10	20	18½	*	D,S	Clay fill 9; sand 20; stony hardpan 54; grey limestone 87. Water from 80 to 87.
	Con X		* 30	T.Johnston & H.B. Kirkby		Jul.31,1961	4	14	28	27	-	ם	Clay 6; sand 53; sandy clay stones 45; stones clay 58; dark grey limestone 93; brown limestone 109. Water from 93 to 109.
	Stanley To	wo.											
	Bayfield Bayfield	Townsi	te	L. Onn R.L.Bannister	W.D.Hopper&Sons	Feb.25,1960 May 7, 1960	4	8	36 61	30 55	Presh	D P	Clay stones 105; limestone 149. Water from 140 to 149. Yellow clay 28; sand 37; blue clay 95; blue clay stones 132;
					F.W. Jackson	08 27 27 38						1	light brown limestone 170. Water from 150 to 170.
	Bayfield			A.Flowers		Aug.10,1960		10	30	24		D	Black clay 2; reddish clay 10; blue sandy clay 80; clay white limestone 105; white red limestone 123. Water at 90 and 115.
	Bayfield	*		W.H.Langford	•	Aug.12,1960	4	4	25	Flows	Sulphur	D	Black loam 1; sandy clay 15; gravel 18; gravel clay 18; gravel 42. Water at 15 and 38.
	Bayfield			J.B.Pearson	*	Aug.20,1960	4	10	28	28	Fresh	D	Black loam 2; soft sandy clay 15; clay 65; rocks clay 100; red limestone 101. Water at 15,80 and 100.
	Bayfield			J.F.Steadman	•	Aug.28,1960	4	10	29	29		D	Black loam 1; red sand 6; soft clay white sand 12; white clay limestone 90: limestone clay 110. Water at 90 and 110.
	Bayfield			W.S. Greig		Aug.31,1960	4	10	30	Flows		D	Black loam 1; white sand 2; hard clay 10; soft clay 45; rock
													clay 60. Water at 50 and 60.
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LOCATI	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	ING	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
URON COUNTY - Stanley Twp. Bayfield To	- cont.	J.P.Ferguson	P.W. Jackson	Oct.25,1960	4	10	30	27	Fresh	D	Black clay loam 2; yellow hardoen 12; blue clay 80; clay limestone 100; limestone sand 111; red limestone 130. Water
Bayfield		J. Koene	•	Nov. 3,1960	4	10	50	39		D	at 100 and 116. Sand 15; sandy hard clay 50; blue clay 00; clay rock stone
Bayfield		J.Hutchings	l <del>u</del>	Mar.29,1961	4	10	50	22		ם	sand 128; rock 143. Water at 90 and 133. Sand 10; blue clay 70; clay stony rock 100; limestone clay 110;
Bayfield		C.J.McCauley	•	Mar.31,1961	4	10	50	32		D	limestone red rock 118. Water at 100. Black loom 2; sand 12; blue clay 85; clay gravel limestone
Bayfield		L.A. Duggan		May 18,1961	4	10	36	26		ם	107; limestone 125. Water at 90 and 110. Sandy loam 3; sand 10; blue soft clay 80; blue clay limestone
Bayfield		J.A.Tillmenn	-	Jul.24,1961	5	16	102	31		D	100; limestone 108; Trenton rock 131. Water at 8, 100 and 115 Black sandy loam 2; sand 12; blue clay 70; sand grit clay 100;
Bayfield		R. Scotchmer		Aug.26,1961	4	10	95	50		ם	rock sand 116; right sand 133. Water at 2 and 116. Old well 8; sand clay 50; blue clay 100; clay rock 125; rock
Bayfield		M.M.Potter		Aug.31,1961	4	10	35	15		ם	130; red rock 145. Water at 143. Heavy clay lorm liyellow hardpan 17; blue clay 75; blue clay rock 00; shale clay 115; boulders gravel 121; red rock 138.
Bayfield	•	F. Glass	•	Sep. 2,1961	. 4	10	38	28		D	Water at 115 and 135.  Black sandy loam 2; sandy clay 6; noft yellow hardpan 20; blue clay 80; clay limestone shale 95; hard head gravel 102;
Bayfield	•	G. Bell	W.D.Hopper&Sons	Dec.30,1961	4	10	74	62		D	rock 128. Water at 95 and 120. Gravel 18; clay 72; hardpan 118; gravel 124; brown rock 159.
Bayfield	•	E. Sidall	P.W. Jackson	May 11,1962	4	30	15	3		С	Water at 159. Gravel 2; black silt sand 11; clay grit 18; clay 35; gravel
Bayfield	•	Cities Service	W.D.Hopper&Sons	Aug. 6,1962	4	10	52	50	•	С	shale 55; limestone 61. Water at 11, 35 and 55. Sand gravel 20; blue clay 100; hardpan 116; limestone 126;
Bayfield	•	011 Co. A. Brisson	F.V. Jackson	Aug. 8,1962	4	12	84	38		D	hard brown limestone 150. Water at 148. Old well 7; clay sand 12; blue clay 90; clay grit rock 112;
Bayfield	•	M.E. Hodgins	•	Oct.16,1962	4	12	50	38	-	D	Trenton rock 134. Water at 120. Black sandy losm 2; sand 20; blue clay grit 105; rock clay
Bayfield		M. Watson	•	Dec.18,1962	4	12	45	38	•	D	115; limestone 127. Water at 120. Old well 10; blue clay grit 110; shale rock clay 115; Trenton
Bayfield	•	W.L. Poster	W.D. Hopper&Sons	May 18,1963	4	14	40	37		ם	rock 124. Water at 118. Sand 14; blue clay 59; stones blue clay 90; cemented gravel 107; brown limestone 133; light brown limestone 147. Water
Bayfield		J.McKenzie	P.W. Jackson	Aug.29,1963	4	12	74	50	•	D	at 147. Black loam 2;grovel 4; sand 15; clay Arit rock 122; limestone
Bayfield		Com. Group of Owners Howard	W.D.Hopper&Sons	Sep.26,1963	4	10	38	34		P	129. Noter at 123.  Topsoil 1; sand 9; blue clay 93; herdpan 105; loose rock 109; brown limestone 137. Water from 135 to 137.
Bayfield		street E. Burtt	P.W. Jackson	Nov. 6,1963	4	12	50	40	•	D	Black loam 2; sand clay 30; blue clay 100; clay grit rock 120;
BRN	lot 19			Feb.21,1963	4	25	200	200	•	P	buff rock 134. Water at 110 and 125. Sand 69; clay 125; clay grit rock 168; limestone 230. Water
BRN	* 21	Works Ass. R. Elliott	Hadco Well	Jun.21,1963	3	2	45	38		ם	at 195. Topsoil 1; brown clay 17; grey clay rocks 34; brown sand 46.
BRS	• 19	H. Vos	Digging P.W. Jackson	Nov.26,1960	4	7	186	186	*	D	Water at 38. Black clay loam 2; hardpan 8; sand 66; blue clay 146; Guelph
BRS	<b>*</b> 21	H.Hayter		Jul.19,1962	4	6	189	189			rock clay 166; Trenton rock 206. Water at 196. Clar loam 3; clay git 30; sand 65; blue clay 100; clay sand grit shale 153; limestone 180; Trenton rock 210. Water at
Con I	• 20	W. Crease	R.H.Gadke	Jun.16,1961	4	6	224	216		ם	192. Clay boulders 30; gravel hardban sand 100; brown limestone 232, Water at 230.

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	URON COUNTY - Stanley Twp			1	I .	ı i		ſ	1	ı	1	ī	I
	Con II	10	. 23	J. Beane Jr.	HadcoWell Digging	Sep. 3,1963	30	2	30	18	Fresh	S	Topsoil 1; brown hardpen rocks 17; blue clay 18; grevel 20; san 28; blue clay 30. Water at 18.
	Con III		5	A. McBeath		Dec.13,1961	271	6	39	25		S	Topsoil 1; brown clay 6; brown sand 9; blue clay 25; blue sand rocks 28; grey clay 35; blue clay 40, Water at 25.
	Con III	•	30	F. Gibson	F.W. Jackson	Aug.14,1962	4	4	80	45		D	Clay loam topsoil 3; stone clay 10; yellow clay 30; blue clay grit 50; gravel false rock clay 59; limestone 65; red rock 90; Water at 20 and 65.
	Con VI	3	10	J.R.Stephenso	Hadco WellDigging	Nov. 3,1961	30	15	25	18		D,S	Topsoil 1; brown clay 11; boulders brown clay 13; blue clay 16 boulders 18; sand clay 25. Water at 18.
	Con VII		11	R. Coleman	W.D.Hopper&Sons	Dec.23,1961	4	8	180	175	**	D,S	Previously drilled well 68; clay stones 127; sandy clay 134;
	Con X	2	18	W. McBride	•	Nov.25,1961	4	10	215	211		D,S	hardpan 173; brown rock 213. Water from 210 to 213. Clay stones 25; sand 35; clay stones 76; sand 90; clay stones
	Con XI		21	Vlg ofZurich	International Water Supply Ltd.	Apr. 24, 1963	8	100	262	259	•	P	130; sand 190; herdpan 257; brown rock 286. Water at 286. Gravel clay wood 4; grey clay 70; hardpan 105; soft grey clay 110; trown clay 125; hard brown clay 169; soft grey clay 185; grey clay 209; limestone grey shale 218; limestone 241; limestone shale 243; grey shale limestone fine sand 251; fine sand 255; brown limestone 280; limestone 290. Water at 255.
	Con XIII		8	A. Steckle	Hadco WellDigging	May,19,1961	30	8	29	22		D	Topsoil 1; brown clay 14; sand 15; hlue clay 20; brown sand 29. Water at 20.
	Con XIII		12	H. Martin		Aug.26,1963	30	2	38	14		D,S	Topsoil gravel 3; brown clay 11; brown sand 14; blue grey sand 40. Water at 11 and 32.
F.	LRE		18	L. Bedard	F.W. Jackson	Mar.24,1961	4	8	100	44		D	Black topsoil 2; yellow clay grit 14; blue clay 80; blue clay rock 100; limestone rock blue clay 180; limestone Guelph roc
161	LRW	,	2	M.W.Robinson	*	May 27,1961	4	10	2	2	*	D	202. Water at 160, 180 and 202. Black mossy earth 1; yellow clay 8; blue clay 80; clay rock 10
	LRW	•	2	J.E. Callaghan	*	Jun. 8,1962	4	12	15	9	**	D	gravel rock 115; red rock 127. Water at 100. Loam 1; light clay loam 3; yellow clay 14; blue clay 75; clay grit 100; gravel rock 126; limestone 133; red rock 143. Water at 100, 126 and 133.
	LRW	•	12	T. Westlake	*	Jul. 9,1960	4	10	72	Flows	*	D	Light clay loam 2; yellow clay 12; blue clay 70; blue clay har
	LRW	•	12	G. Westlake	*	Sep.15,1961	4	10	65	101		D	limestone 102. Water at 101. Clay fill 3; yellow clay 18; blue clay grit 60; rocks gravel clay 80; clay grit 100; gravel clay 114; red rock 150. Water at 100.
	LRW	•	19	R. Nodden	H	Jun. 1,1961	5	24	40	21		D	Loamy dark clay 2; yellow clay 12; blue clay 70; blue clay limestone shale 90; clay limestone gravel 112; limestone Guelph rock 130. Water at 115.
	LRW	,	21	P. Durand		May 5, 1961	4	10	40	38	*	D	Black loam clay jyellow clay 18;soft blue clay 100;clay limestone 115;gravel clay 125;sharp rock 135;limestone 140. Water at 115 and 125.
	SB	•	30	N. Laporte	W.D.Hopper&Sons	Apr.17,1962	4	13	64	63		D,S	Clay 7; blue clay 103; stones clay 112; hardpan 126; limestone 162. Water from 103 to 162.
	Stephen Twp. Con I	10	t 4	B. Hicks	G.L. Davidson	Oct.15,1960	4	4	67	55	Fresh	D	Hardpan 6; clay 35; sand 40; hardpan 44; shale 57; grey rock 87.
	Con I Con I		5	D. Neil K. Hodgins	W.D.Hopper& Sons Hadco WellDigging	Oct. 3,1961 Sep,20,1961	4 30	1½ 6	54 40	36 32	:	D, C	Water at 87. Clay stones 52; fine gravel 58. Water from 52 to 58. Brown clay 14; grey clay 19; blue clay 30; boulders 31; blue grey clay 33; fine sand 38; blue clay 40. Mater at 33.
	Con I	•	5	H. Tripp	•	Sep.21,1961	271	15	44	38		D	Topsoil 1; brown clay 14; blue clay 37; grey clay 41; brown sar
	Con I	•	6	R. Kipp	E.B. Hussey	Jun.13,1962	4	10	27	27		D	45. Water at 41. Clay boulders 32; hardpan stones clay 50; brown limestone 60. Water from 58 to 60.

	L	OCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE?	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	RON COUR Stephen ! Con I			t.	P. Pavkeje	Hadco WellDigging	Sep.26,1961	30	4	39	32	Fresh	D,S	Topsoil 1; brown clay rock 3; brown clay 16; grey clay 24;
	Con I Con I			15 17	T.A. Dutton R. Jones	:	Oct. 2,1963 Aug.30,1961	30 27½	< <del>1</del> 20	30 42	15 20	:	D D	boulders 25;grey clay 24;boulders 25;grey clay 32;gravel sand 35;grey clay boulders 39. Water at 32. Topsoil 2;blue clay rocks 35. Topsoil 1;brown clay 12;blue sandy clay 28;blue clay boulders 30;gravel 31;blue clay rocks 42;gravel 43. Water at 42.
	Con I			18	B. Parsons		Aug.29,1961	30	10	37	27		D	Topsoil 1; brown clay 14; blue sandy clay 28; gravel rocks 29;
	Con I			18	R. Parsons		Aug.31,1961	271	10	41	27		D,S	blue clay boulders 30; blue clay 36; grovel. Water at 36. Topsoil 1; brown clay 14; blue sandy clay 27; gravel 28; blue
	Con II Con II Con II			2 5 7	H. Mathers O. Workman C. Brock	S. Earl R. Hudson Hadco WellDigging	Jun.29,1962 Aug. 5,1963 ec.18,1963	4 36 27€	8 12 4	48 20 27	40 15 8	:	D D	clay 38; coarse sand 42. Water at 38. Clay stones 58; limestone 60. Water at 60. Brown clay 16; gravel 17; blue clay stones 24. Water at 16. Topsoil 1; brown clay 9; gravel 13; blue clay rocks 28, Water at
	Con II			28	D.J.McEwen	W.D.Hopper &Sons	Sep.27,1963	4	8	45	40	*	D,S	7. Topsoil 1; yellow clay 10; hardpan 60; loose rock 63; brown
	Con III			11	W. Schroeder	E.B.Hussey	May 15,1963	4	7	26	13		D,S	limestone 75. Water from 72 to 75. Yellow clay 11; blue clay boulders 40; streaks limestone
	Con III			22	A.Webber	A.A. Heal	Oct. 4,1961	4	6	245	243		D	hardpan 55; brown limestone 60. Water from 56 to 60. Topsoil yellow clay 12; blue clay boulders 60; limestone 250.
۲	Con III		•	22	W. Makins	S. Earl	Jul.30,1962	3	4	254	248	•	D	Water at 248. Clay 5;sand clay 8;sand 23;clay 33;hardpan 39;gravel 40: hardpan 60;llmestone 258. Water at 257.
62	Con III			23	J. Moffatt	Hadco WellDigging	Oct. 2,1963	30	2	30	11		s	Topsoil 1; brown clay 8; brown sand 24; blue clay 30. Water at
	Con IV			16	E. Neil	E.B. Hussey	Sep.10,1963	4	5	40	28		D	10.   Old well 23; clay 30; sand 63; hard brown limestone 70. Water
	Con V Con VI			18 5	H.FinkBiever B. Galloway	Hadco WellDigging E.B. Hussey	May 21,1963 May 25,1962	30	2 8	15 100	4 89	:	S D,S	from 65 to 70. Topsoll 1;brown sand 10;blue clay 16, Water at 6. Yellow clay 20;blue clay 78;grsvelly clay hardpan 110;streaks limestone hardpan 120;herdpan streaks clay sand tone 135; stones 136;hardpan streaks clay 140;black brows. hard
	Con VI			10	J.T. Dodds	*	May 10,1962	4	6	75	65	•	D	limestone 170; water from 145 to 150.  Black loam 2; yellow clay 20; blue clay 75; sandy clay 80; clay broken limestone stones 100; hordpan strenks rock boulders 120; water from 118 to 121.
	Con VI			10	E. Thorne		Feb. 6,1963	4	7	80	65		D	Oli well 48; blue clay 78; gravelly clay 95; hardpan streaks
	∞n VI			11	W.C.F		Oct.26,1962	4	7	95	88		D	limestone boulders 115. Water at 112 and 113. Yellow clay 60; sandy clay hard streaks 80; streaks limestone
	Con VI		**	11	Oestricher L. Wein	•	Nov.13,1962	4	6	87	85	*	D	hardpan 110; hard brown limestone 118. Water from 113 to 118. Dark loam 3; yellow clay 60; clay hard streaks 105; brown
	Con VI			12	C. Fahner	*	Jan. 7,1963	4	10	95	93	*	D,S	limestone streaks hardpan 116. Water from 113 to 116. Sandy clay 4; clay 103; hardpan streaks limestone 125; hard
	Con VI			17	F. Brown	•	Oct.31,1962	4	7	70	68		D,S	brown limestone 128. Water from 126 to 128. Yellow clay 25;sandy yellow clay 65;clay streaks hardpan 100; hardpan streaks limestone 107;hard brown limestone 110. Water
	Con VII Con VII		w	10 10	C. Brock G. Ratz	W. Dale E.B. Hussey	Jul.27,1962 Oct.18,1962		6	112 105	101 100		D D	from 107 to 110.  Previously drilled 131; limestone . Water at 128.  Old dug well 20; blue clay 60; sendy yellow clay 80; rock clay 113; herdoen streaks limestone 129; hard brown limestone 140.  Water from 136 to 140.
	Con VII		*	11	Bell Telephone Co. Ltd.	W. Dale	Sep.13,1960	5	4	122	105		P	Brown clay 23; blue clay 74; clay gravel 102; shale 1222; brown limestone. Water at 122.

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	URON COUNTY -												
	Stephen Twp. Con VII			C. Mitton	E.B. Hussey	May 16,1962	9	5	113	113	Fresh	D	Old dug well 23; yellow clay 80; clay hard streaks 100; herdpan streaks limestone 104; hard grey limestone 111; hard limestone streaks shale 115; hard brown limestone stones 117; limestone
	⊙n VII		11	B. Roeszler		Jun. 2,1962	4	5	110	98		D	shale 128; hard brown limestone 136. Water from 134 to 136. Loom 4; blue clay 72; sandy clay 80; clay 100; hardpan clay 108; hard brown limestone 114; rock boulders 118; hardpan limestone
	Con VII		11	R. Haugh	•	Jun. 9,1962	4	4	118	108		ם	shale 128; hard brown limestone 133. Water from 128 to 133. Loam 2; clay 74; sandy clay 80; clay stones hard streaks 100; limestone shale 114; limestone hardpan 120; hard brown limestone
	Con VII	*	17	M.Finkbeiner	•	Nov. 7,1962	4	6	105	80	**	D,S	136. Water from 127 to 136. Sandy loam 3; yellow clay 90; quicks and clay 95; clay hardpan limestone 127; hard brown limestone 130. Water from 128 to 130.
	Con VII	*	18	E. Ruggaber	•	Oct. 5,1962	4	7	72	60	*	D,S	Dark loam 2; brown clay 58; sandy brown clay 70; broken limestone clay 108; brown limestone 112. Water from 108 to 112.
	Con VII		19	E. Hendrick	*	Nov. 5,1962	4	7	45	40	•	D,S	Old dug well 28; yellow clay sandy clay 80; hardpan clay 90; hardpan limestone 95; hard brown limestone 99. Water from 96 to 99.
	On VIII	*	11	E.W.Finkbeiner	•	Oct.15,1963	4	5	115	114	*	D	Tellow clay 17; blue clay 59; sandy blue clay 73; brown sandy clay 109; soft brown limestone 115; hard brown limestone 135. Water from 117 to 135.
	Con XIII	*	3	D. Regier	W. Dale	Jul.24,1962	5	8	100	90		D,S	
163	Con XIY LR LR	**	6 4 1	A.P. Johnson W. Johnson E. Lovicks	F. Rendle F.W. Jackson	Jul.12,1961 Oct.29,1960 Aug,16,1963	4 4 4	9 4 12	35 60 30	72 45 30	Sulphur Fresh	D,S D,S	Grey clay 115;gravel 117;dark rock 118. Water at 117. Blue clay 95;grey limestone flir 1012. Water at 101. Fill 2;hardpan 12;blue clay grit 80;hardpan 130;gravel 135.
	LR	"	7	Conklin Lumber	A.A. Heal	Feb. 3,1960	4	3	82	42	•	In	Water at 130. Topsell sandy clay 3; yellow clay 17; blue clay 91; limestone 97.
	LR		22	P. Durand	F.W. Jackson	May <sub>10</sub> , 1963	5	14	80	37	•	D	Water from 92 to 93, Clay loam 1; yellow clay grit 15; blue clay boulders 100; clay hardpan 126; buff rock 131. Water at 130.
	NB		3	D. Finkbeiner	A.A. Heal	Sep. 6,1960	5	4	20	15	•	D	Hard yellow clay 12; hard grey clay 22; loose limestone 30. Water from 25 to 29.
	NB	*	14	G.K. Crocker	•	Sep. 6,1961	3	4	44	30	•	D,S	
	NB		23	H. Stire	*	Nov.16,1962	4	11	124	118		D	Topsoil sand gravel 7; blue clay 65; sandy clay 76; clay 105; gritty clay 111; loose limestone 117; dark limestone 125. Water at 122.
	SB		3	S. Hicks	E.B. Hussey	Apr.30,1963	4	15	16	14		D,S	Yellow clay 22; sandy clay 26; clay 32; sandy clay 40; coarse grevel 45; herdoan grevel 72. Water from 47 to 72.
	SB	*	15	J. Glavin		Jan.11,1963	4	10	92	90		D,S	Yellow clay 50; clay streaks hard clay 65; clay hard streaks
	SB	•	24	P. Aajas	W. Marsh	Jul.29,1963	5	4	135	135	•	ם	110;gravelly hardman 127;gravel 130. Water from 127 to 130. Fill 3;clay stones 82;hardman 137;grey limestone 145. Water
	SB	*	39	S. English	A.A. Heal	Sep.19,1960	4			-			from 92 to 137 and at 141. Fill topsoil yellow clay 14; blue clay 127; limestone 147. Dry
	SB	•	39	•		Sep.23,1960	4	2	127	60	Sulphur	D	hole. Topsoil yellow clay 10; blue clay 123; limestone 130. Water at 126.
	Tuckersmith T Con I Con I Con I		t 1 33 36	N. Pepper E. Allan E. Layton	Hadco WellDigging P.W. Jackson	May 9, 1962 Jul.27,1962 Jan.19,1962	30 30 4	10 6 5	23 18 225	12 4 225	Fresh	D D D	Topsoil 1; brown clay 9; blue clay stones 23; gravel. Water at 23. Topsoil 1; brown sandy clay 4; brown fine sand 20. Water at 4. Clay subsoil 2; yellow clay stones 15; blue clay sand stones 60; red rock 241. Water at 240.

	LOCA	TION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.FVFT.	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Tucker Con I	smith	Twp	cont	K. Rogerson	F.W. Jackson	Dec.12,1963	4	8	227	227	Fresh	D	Clay topsoil 2;hardpan grit 18; clay 40; sand 50; boulders clay hardpan 98; limestone 113; buff rock 160; rock 230; buff rock 250. Water at 232.
Con I			51	M.P. Corrie	Ladco Drilling	Sep. 5,1963	4	10	280	260	•	D	Brown clay 15; grey clay rocks 105; grey limestone 285. Water from 265 to 280.
Con II Con II Con II	I	:	36	J. Cooper S. Ross F. Falconer	Hadco WellDigging F.W. Jackson W.D.Hopper& Sons	Nov.18,1963 Jul. 4,1963 Aug. 9,1963	3 4 4	5 21 9	30 105 118	22 38 112	:		Topsoil 2; brown clay 26; blue clay sand 30; gravel. Water at 30. Old well 40; clay sand grit 64; buff rock 110. Water at 74. Yellow clay 30; sand 37; blue clay 74; clay stones 97; hardpan 125; brown 11mestone 145. Water at 145.
Con I	I	*	45	M. Craig		Sep.22,1961	4	4	65	55	•	D	Clay stones 46; sand 62; hardpan 114; grey rock 129. Water from 120 to 129.
Con I	I		45	B.A.Zoblocki	P.W.Jackson	Dec.21,1961	4	4	95	55	•	P	Clay subsoil 4; clay sand gravel 15; gravel sand 80; sand gravel shale 105; limestone 115. Water at 4, 20, 80 and 105.
Con I		*	9 14	J. McGregor K. McLellan	Hadco WellDigging R. Hudson	Dec. 6,1963 Jul.25,1963	30 36	1	22 34	17 26	:	D,S D,S	Topsoil 2; clay 23;gravel. Water at 23. Brown clay 14; blue clay 26;gravel 27; blue clay 36. Water at 26.
Con I	II	м	15	B. Forrest	W.D.Hopper& Sons	Sep.14,1963	4	3	80	45		D,S	Topsoil 1; yellow clay 10; stony hardpan 43; rock 45; grey limestone 90. Water from 88 to 90.
Con I	II	×	19	J. Lostell	Hadco WellDigging	Nov.20,1963	271	3	50	38	•	D,S	Topsoil 2; grey clay 8; brown clay stones 56; sand clay 40; brown clay 48; sand clay 52. Water at 38 and 48.
Con I			20 30	L.Finlayson Haugh Bros	W.D.Hopper & Sons	Nov.25,1963 Jun. 5,1963	30 4	6	38 110	30 91	:	D,S	Topsoil 2; brown clay 30; grey sand clay 39. Water at 30. Top yellow clay 8; clay stones 70; hardpan 89; black grey limestone 115; white limestone 128. Water from 91 to 128.
Con I	II		39	W. Rogerson	F.W.Jackson	Jul. 1,1963	4	12	70	30		D	Clay fill 5; hardpan 15; clay grit 45; clay sand boulders hardpan 79; limestone 102. Water at 87.
Con I'	V		17	A. Timmermans	Hadco WellDigging	Jan.15,1963	27	3	17	6			Topsoil 1; brown clay stones 10; boulders 14; brown clay 17. Water at 16.
Con I	V	•	17	•	Ladco Drilling	Sep.10,1963	4	8	60	48			Brown clay 12; grey clay rocks 60; gravel 66. Water from 60 to 66.
Con I	٧	•	29	G. Richardson	W.D.Hopper & Sons	Aug.22,1963	4	6	260	258	•	D,S	Top clay 7; clay stones 55; hardpan 87; grey limestone 124; boulder clay 133; red rock 142; boulder clay 149; red rock 257; white limestone 285; grey limestone 315. Water from 257 to 315.
Con V			29	W. Cartney	F.W. Jackson	Dec.28,1963	4	1 to	87	42	•	D	Clay loam 3; hardpan15; clay 35; stones clay hardpan 58; limestome 87. Water at 60.
Con XI			8	V. Alderdice J. Devereaux	R. Hudson W.D.Hopper & Sons	Nov. 6,1963 Sep.12,1963	36 4	10	5 5	5	*	D,S D,S	Brown clay 4:grevel 6; blue clay 18. Water at 5. Gravel fill 1; yellow clay 10; hardnen 28; loose rock 30; grey limestone 60; brown limestone 120. Water from 100 to 120.
HRF O	on I	•	14	D. Hopper		Dec. 3,1962	5	12	56	54	•	D	Clay 4; sand 9; blue clay 24; stones 29; drk grey shale hardpan 62; brown limestone 170; grey limestone 210. Water from 170 to 210.
HRF Co	n I	*	14	A. MacLean		Jul.30,1963	4	12	62	58	•	D	Yellow clay 7; clay stones 32; sand 40; hardpan 62; grey limestone 115; white limestone 133. Water from 115 to 133.
HRF O	on I		22	W. Powell		Apr.20,1963	5	5	192	190	Salty	D,S	Topsoil 1; yellow clay 10; blue clay 30; hardpan 58; loose rock 61; brown limestone 220. Water from 205 to 220.
HRT O		*	35 3	W. Holland M. Williams	F.W. Jackson W.D. Hopper&Sons	Jun.25,1963 Dec.11,1963	4	15 8	20 95	6 90	Fresh	D,S	Clay topsoil 2; clay boulders 51; limestone 56. Water at 51. Topsoil 1; yellow clay 10; gravel 18; hardban 32; brown limestone 132. Water from 125 to 132.
HRF C	on II	*	11	C. Cox		Jun.20,1961	4	10	101	97	*	D	Yellow clay 16; hardren 42; gravel 47; grey rock 130. Water from 125 to 130.
HRF O	on II	•	11	W. Henderson		Jan.21,1961	5	11	75	73	Sulphur	s	Clay stones 23; sand clay stones 35; hardpan stones 55; brown limestone 70; black limestone 139; light brown limestone 193. Water from 145 to 193.

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	HRF	Con	II	lot	11	M.McNairn & F. Chappel	W.D. Hopper &Sons	Apr. 3,1962	4	10	105	100	Fresh	D	Yellow clay stones 27; blue clay 38; hardpan 45; grey rock 145. Water at 145.
	HRF	Con	II	*	11	Twp Tuckersmith	.*	Nov. 6,1962	6	30	200	125	•	P	Clay stones 28; gravel 34; clay stones 54; grey rock 228. Water at 228.
	HRP	Con	II		14	Dr.M.W.Staple-	₩	Sep.24,1963	4	8	138	135	•	D,S	Yellow clay 10; hardpan 45; rough gravel 51; loose rock 54;
	HRF	Con	II		21	E. Townsend	P.W. Jackson	Jan.18,1963	4	8	105	55		D	grey limestone 100; brown rock 195. Water from 180 to 195. Open well 40; clay grit 54; brown rock 140. Water at 59 and 125.
	HRP	Con	II		23	E. Coleman		Nov. 1,1962	4	12	47	41	. *	D	Black loam fill 5;hard clay 15;blue clay 30; clay grit 55; clay gravel 63;limestone 70. Water at 65.
	HRF	Con	II	*	33	J. Veenstra	W.D. Hopper & Sons	Aug. 5,1963	4	8	75	50	* :	D,S	Topsoil isandy clay 10; blue clay 64; hardpan stones 104; loose rock 107; grey limestone 120. Water from 117 to 120.
	HRF			*	12	A. Moore		Jan.18,1962	5	10	143	138	:	D,S	Clay stones 28; grey rock 179. Water from 159 to 179.
	HRP	Con	III	-	18	B.R. Thomson	-	Jan. 27, 1961	4	5	100	40	-	D,S	Clay stones 18; gravel 24; h-rdpan 61; grey limestone 119. Water from 115 to 119.
	HRP	Con	III		29	J.E. Turner	Had co WellDigging	Sep.23,1961	30	10	35	22		D,S	Topsoil 1; brown clay 7; brown clay boulders 14; grey clay 21; fine brown sand 27; blue clay 36. Water at 21.
	HRF	Con	IV	**	7	R. Tyndall	W.D.Hopper & Sons	Dec.24,1963	4	4	80	25	*	D,S	Topsoil 1; sandy clay 15; blue clay 22: gravel 25; hardpan boulders 56; hard brown limestone 60; light brown limestone 105; dark
			-14	_	20		_			_					brown limestone 115. Water from 107 to 118.
	HRF	Con	IV		10	C. Chesney		May 27,1960	4	8	50	40		D,S	Yellow clay stones 30; clay stones 72; gfavel 80; grey limestone 100. Water from 90 to 100.
	HRF	Con	IA		12	W.H. Coleman	P.W. Jackson	Oct.12,1961	4	12	63	20	•	D	Old well 13; sand grit 20; blue clay 50; clay stone rock 68; rock 83; Water at 80.
_	HRF	Con	IV		25	J. Kassies		Jun.21,1963	4	8	106	106	•	D	Clay loam 4; clay sand 35; rock sand clay 108; limestone 127. Water at 115.
165	HRP	Con	VI		2	E. Jones	W.D. Hopper & Sons	Sep. 5,1962	4	7	48	25		D,S	Old well 27; clay stones 52; hardpan stones 71; light brown
	HRF	Con	VII		4	A. Vos	`₩	Oct.25,1961	4	3	90	24		D,S	limestone 116. Water from 105 to 116. Fill 7; sandy clay 27; blue clay 48; hardpan stones 74; brown
	HRP	Con	x		6	A. McGregor	•	Jun. 5,1960	4	7	320	300		D.S	limestone 121. Water from 90 to 121. Yellow clay stones 66; grey limestone 350. Water from 340 to
	HRP			*	1	J. Drummond	R. Hudson	Jun.16,1962	36		20	10	-	s	350. Brown clay 10; gravel 12; clay big stones 20. Water at 12.
	HRF			**	6	W.A. Hoggarth		Jul.26,1963	36 36	1	25	16		S	Brown sandy clay 16; gravel 17; blue clay stones 20. Water at
	HRP	Con	XI		7	McGregor Farms	Hadco WellDigging	~ec.11,1963	30	1	28	20		D,S	16. Topsoil 2; clay 20; gravel 22; gravel clay sand 25; clay 30.
											-				Water at 20.
	Turnt	err	v Two	· .											
	Con			lot	1	C. McCutcheon	G.L. Davidson	Nov.14,1960	4	15	42	16	Fresh	D,S	Dug well 18; sandy gravel 32; hardpan 64; gravelly hardpan 77;
	Con	В			5	H. Hitchings		Sep. 9,1961	4	5		Flows		D	shale 96;rock 110. Water at 110. Topsoil 1;stony hardpan 20; sandy clay 25; clay 48; brown shale
	Con	В		-	6	L. Good	.*	May 7, 1963	4	71			•	D	65; red shale 76; brown shale 102. Water st 102.  Dug well 6; gravelly hardpan 25; marl 46; brown soft shale 64;
	Con	В			7	A. Shefter		Oct.16,1962	4	10	35	27		D.S	brown red soft rock 90. Water at 90. Topsoil 2; sand stony grevel 61; quicksand 72; hardban 78; red
	THE REAL PROPERTY.											-			soft shale 93; brown soft shale 114; brown medium hard shale 134. Water at 134.
	Con	В			15	J.E. Currie		Aug.17,1961	4	12	32	16		D,S	Clay 4; sand gravel 12; sand 22; quicksand 42; hardpan 52; sandy
	Con	В		*	28	E. Slightholm	•	Apr. 5,1962	4	10	70	58		D,S	clay 78; brown clay 99; brown rock 120. Water at 120. Topsoil 1; hordpan 18; sandy clay 24; clay 28; hardpan boulders
	Con	В			37	T.A. Currie		Aug. 9,1963	4	15	35	30		D	40; shale clay 100; brown rock 132. Water at 132. Sand gravel stones 30; hardpan 85; sand 105; shale 127; brown
															soft rock 140. Water at 140.
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	LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY - cerry Twp.	c	ont.	K. Bennett	G.L.Davidson	Sep.27,1963	4						Topsoil 2;stony hardpan 14;stony gravel 17;hardpan 58;soft
Con	c		15	•	*	Oct.19,1963	4	5	60	24	Fresh	D,S	brown shale 120. Dry hole. Topsoil 2;stony hardpan 14;stony gravel 17;hardpan 58;soft brown shale 122. Water at 122.
Con	C		17			Jun.30,1961	4	15	30	26	*	D,S	Stony hardpan 16; gravel 18; stony hardpan 58; clay shale 97;
Con	C		24	D. Adams		Jun.22,1961	4	15	25	22	*	D,S	light brown rock 110;dark brown rock 135. Water at 135. Gravel 1;hardpan 6;stony hardpan 59;shale 79;brown rock 100; dark brown rock 113. Water at 113.
Con	C		32	G.H. Gibson	C. Keeso	Nov.17,1962	4	18	26	25	•	D,S	Topsoil 2; clay gravel 112; sand 178; brown clay 187; brown limestone 223. Water at 223.
00 n	I	•	9	Turnberry School Board	G.L. Davidson	Sep.13,1960	5	12	70	50	×	P	Red clay gravel stones 14; coerse sand 24; fine sand 62; clay stones 84; sand gravel 108; soft brown shale 132; soft yellow shale 142; hard brown rock 154; soft brown rock 158; soft red
Con	I		20	J.A. Walker	C. Keeso	Sep.20,1961	4	15	33	32		D,S	shale 168; hard brown rock 174. Water from 158 to 174. Dug well 15; sandy clay 34; hardban gravel 48; sandy clay gravel 56; brown shale 102; brown limestone 155. Water from 140 to 155.
Con	I		31	J. Scott	G.L. Davidson	Aug. 8,1961	4	20	24	15		D	Topsoil 1; hardban sand gravel 24; hardban boulders 48; hardban
Con	I	M	31	Black Bros.	C. Keeso	Aug. 4,1962	41/2	15	45	35	н	D,S	150; brown limestone 225; white limestone 320. Water from 316
Con	I	•	45	H.A.Nicholson	m ·	Aug.11,1961	4	18	13	13	H	D,S	to 320. Dug well 26; blue clay 42; sandy clay gravel 68; brown shale 71;
on on	I		48	H. Wheeler	G.L. Davidson	Aug. 7,1962	4	10	25	9	#	D,S	brown limestone 132. Water at 120 and 132. Fill 3; clay hardpan stones 60; brown shale 85; red shale 92; brown rock 110. Water at 110.
Con Con			2	T. Shearer W. DeVos	E.A. Keeso WaterWellDrilling	May 11,1962 Jan.29,1963	3	13½ 8	30 52	28 52	:	D,S D,S	Previously drilled 109; yellow limestone 134. Water at 134. Old well 6; gravel 26; send gravel 50; boulders hardpan 95;
Con	VI		17	J. Wright	G.L.Davieson	Oct.26,1963	4	12	35	.30		D,S	hard brown clay 191; loose brown limestone 254. Water at 252. Sand 8; stony clay 32; sand stones 58; sand gravel 198; clay 218;
Con	AIII	•	25	R. Shobbrook	.n	Sep.11,1961	4	18	25	10	•	D	brown soft rock 236. Water at 236. Topsoil 4; sand 8; stony hordpan 66; sand 146; hordpan 152; clay sand 178; brown soft shale 192; brown soft rock 216. Water at
Con	IX	H	12	R. Hastings		Sep.27,1961	4	10	30	22	*	D,S	216. Topsoil igravel stones 16; hardpan boulders 36; hardpan 66; soft brown shale 88; brown soft rock 107. Water at 107.
Con	x	*	24	E. Johnston		Oct.30,1963	4	10	45	40	•	D,S	Dry well 5; sand 16; outersand 22; sand 48; outersand olay 65; hardpan 100; gravel shale 107; brown red soft shale 173. Water at 173.
0on	XI	,#	24	H. Casemore	*	Peb.26,1963	4	10	35	35	•	D,S	Sand gravel 16;hardpan 22;clay sand 58;sandy gravel 64; hardpan 96;red soft shale 139;layers red soft shale limestone 165. Water at 165.
Con	XII	*	19	J.A. McKague		Jul.11,1961	4	20	25	20	*	D,S	Topsoil 1; sand gr vel 23; stony hardpan 32; hardpan 70; shale 86;
Con	XII		21	O. Holmes		Dec.15,1960	4	15	65	58	•	D,S	brown rock 101. Water from 30 to 101. Fill 4; gravel 42; sand 52; sandy clay 94; sandy gravel 103; sand shale 141; brown rock 168. Water at 168.
Usboz Con	rne Twp. I	lot	13	L. Snider	W.D.Hopper & Sons	Apr.21,1960	5	12	290	285	Fresh	С	Topsoil 1; yellow clay 10; blue clay 40; stony hardpan 101; rock 103; grey limestone 150; yellow limestone 180; brown
Con	I	•	13	R. Williams	Hadco WellDigging	Dec. 8,1961	30	10	19	12		D	limestone 285;grey limestone 317. Water from 285 to 317. Topsoil 1;brown clay 12;brown sand 16;blue clay 36;coarse sand gravel 37; Water at 12 and 36.

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	ON COUNTY -	- con	t.	î	T.	1			ī.	i		ı	
O.	on I	lot	14	W. Fritz	W.D.Hopper & Sons	Apr.30,1960	4	4	28	10	Fresh	D	Topsoil fill 3; yellow clay 10; blue clay 28; sand clay 33; herdpan 47. Water from 28 to 33.
O.	n I	**	25	D. Case	A.A. Heal	Oct.28,1961	4	4		298	•	ם	Dug well 38; hardpan boulders 60; limestone 311. Water from 308 to 311.
	on II	**	11 11	A. Westcot	R. Hudson	Jun.18,1962 Nov.22,1963	36 36 30	2	24 30	6		Ir D.S	Brown clay 10; blue clay 22; gravel 24; sand 26. Water at 23. Brown clay 15; blue clay 31; sand 36. Water at 31.
a	n II	**	17		HadcoWell Digging	May 16,1961	30	50	27 28	Plows	:		Topsoil 1; brown clay 14; blue clay 24; gravel 28. Water at 24.
	on II		18	T. Yellow		May 18,1961	30	15		50		Б	Topsoil 1; brown clay 4; grey clay 14; blue clay 21; gravel 22; blue clay rocks 30. Water at 21.
	on II		31	H. Vanwieren		Jul.16,1963	30	1	56	50	•		Topsoil 1; brown clay 14; blue clay rocks 50; blue sand 59; blue clay rocks 60. Water at 50.
	on III on III		6 15	H. Coates Exeter P.U.C.	R. Hudson International	Nov.11,1963 Apr. 4,1960	36 10	9 56	30 19	10		D,S	Brown clay 15; blue clay 25; sandy blue clay 33. Water at 33. Topsoil 1; heavy clay gravel 20; heavy clay 37; coarse sand
Or.	n III		-	R. Westcott	Water Supply Ltd. HadcoWell Digging		30	50	25	2		1-60	silt 39; gravel clay 44; sandy clay 45. Water at 37. Topsoil 1; brown clay 14; blue clay 20; gravel 26. Water at 20.
0	n IV		11	H. Taylor	R. Hudson	Nov.23,1963	30 36	4	34	25½ 38		D,S	Brown clay 10; blue clay 34; sandy gravel 35%. Water at 34.
α	n IV		13	B. Parsons	Had cowell Digging	May 12,1961	30	30	55	38		D,S	Topsoil 1; brown clay 14; blue clay 35; boulders clay 40; blue clay 47; boulders 49; brown coarse sand 56. Water at 50.
O:	NI TO		15	Exeter P.U.C.	International Water Supply Ltd.	Apr.11,1960	10	67	14	11		2-60	Topsoil 1; sandy clay 5; clay 21; clay broken gravel 35; fine gravel sand 46; sandy clay 47. Water et 35.
œ	n IV		18	D.M. Easton	Had co Well Digging	Oct.21,1961	30	15	28	18	•		Topsoil 1; brown clay rocks 15; fine gravel 17; blue clay 19;
O:	n IV		31	L. Ferguson	R. Hudson	Jul.24,1963	36	5	26	20		D,S	gravel 28. Water at 19. Brown clay 22;quicksand 24;blue clay 32;gravel 34. Water at
ي œ	n IV	**	34	W.L.Rowcliffe	•	Jul.25,1962	36	1	18	11		s	Brown clay 12; outcksand 14; blue clay 18; gravelly clay 20.
67 a	on V	٠	15	P. Johns	HadcoWell Digging	Nov.30,1961	30	5	42	35	•	S	Water at 18. Topsoil 1; brown clay 13; blue clay 34; grey clay stones 42;
œ	n V		26	B. Morgan	*	Sep.17,1962	30	2	43	34	•	D,S	gravel 43. Water at 42. Topsoil 1; brown sandy clay 15; blue clay 27; grey sand 34;
O:	on VI		2	A.H. Pym		Sep.22,1961	271	4	41	30	•	D,S	gravel 362; blue clay rocks 43. Water at 34. Topsoil 1; brown clay 14; grey clay 21; blue clay 30; blue sand
													boulders 33; blue clay 34; gravel 35; blue clay boulders 41. Water at 30 and 34.
Q.	on VI		16	E. Johns	HadcoWell Digging	Apr.28,1961	30	4	68	53	•	S	Topsoil 1; brown clay 16; blue clay rocks 63; brown fine sand 67; blue clay 68. Water at 63.
O:	n VI	M	18	W. Johns		Dec. 1,1961	271	4	39	30		D,S	Topsoil 15 brown clay 10; brown sand 18; blue sand 20; blue clay 36; gravel boulders 40. Water at 36.
œ	n VI	•	23	P.S. Stone	R. Hudson	Nov.15,1963	36	5	27	25	•	D	Brown clay 12; blue clay 20; sandy clay 25; gravel 28; clay 292:
	n VI		24	A. Cann	•	Nov.13,1963	36 36	10	28	26		D,S	Water at 25. Brown clay 12; blue clay 24; sandy clay 32. Water at 26.
œ	n VII		14	L. Elford	•	Nov.19,1963	36	2	24	19		D,S	Brown clay 12; blue clay 19; gravel 20; blue clay stones 26. Water at 19.
œ	on VII		24	J. Anderson	HadcoWell Digging	Dec. 4,1963	30	2	44	30		D,S	Clay 16; sand 18; clay 20; sand clay 33; clay stone 50. Water at 30.
C	n VIII	•	2	T.E.Hern		Dec.12,1963	271	3	34	10		D,S	Topsoil 2; clay 6; sand 10; clay 35; gravel 36. Water at 26 and
	n VIII		6	G. Ford	R. Hudson	Nov.26,1963	36	20	25	20		D.5	Brown clay 12; blue clay 27. Water at 27.
œ	n VIII		10	W. Walters	•	Jul.26,1962	30	20	25	4		D,S	Brown clay 10; quicksand 14; blue clay stones 29; sand 30. Water at 30.
œ	on VIII	*	15	L. Knight	•	Nov. 9,1963	36	50	24	20		D,S	Brown clay 17;gravel 18;brown clay 20;quicksand 22;b'ue clay 30. Water at 30.
œ	on IX	•	15	W.L. Allen	E.B.Hussey	Oct.18,1963	4	10	22	22		D	Old well 28; blue clay 37; sandy clay stones 66; clay gravel 78; hardpan 83. Water from 82 to 83.
O:	on X	•	7	J.L. Hern		Oct.30,1963	4	10	31	29		D	Yellow clay gravel 14; blue clay 24; clay gravel 54; herdpan stones 84. Water from 81 to 84.
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Loc	CATION	ī	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TEVET.	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
URON COUNTY Usborne Twp	p cc		P.VanDerSpeck	W.D. Hopper&Sons	Jan. 12. 1962	4	6	54	35	Presh	D.S	Topsoil fill 2: Yellow clay 10; blue clay 40; stony hardpan 88
NEB		19		R. Hudson	Nov.25,1963	36	3	22	18		D,S	rock 93; brown limestone 123. Water from 115 to 125. Stony brown clay 16; blue clay stones 22; gravel stones 25.
NEB	•	19	W. Lamporte	W.D. Hopper &Sons	Aug. 1,1962	4	6	290	280	•	D,S	Water from 22 to 25. Old well 37; clay stones 51; brown rock 360. Water from 280 to 335.
SEB SEP	:	20		HadcoWell Digging	Nov.14,1963 Dec.14,1963	30 27½	3	30 47	23 36	H	D,S D,S	Topsoil 3; brown clay 23; sand 25; clay gravel 36. Water at 23 Topsoil 2; clay 36; gravel 40; clay 48; gravel 50. Water at 36 and 48.
TRN		• 5	C. Fairbairn		Dec. 9,1963	271	2	50	26		D,S	Topsoil 1; brown clay 26; rocks gravel 30; blue clay 36; sand rocks 50. Water at 26 and 36.
TRN TRN TRN		9 11		R. Hudson HadcoWell Digging	Oct.30,1963 Nov.16,1963 Nov.21,1963	36 30	1 <del>}</del>	25 49	18 45	" Fresh	D,S	Brown clay 12; blue clay 16; sandy clay 30. Water at 18. Brown clay 18; stony gravel 22; blue clay 58. Dry hole. Topsoil 2; brown clay 22; sand clay 25; blue clay 48; gravel.
TRN		• 12		н	Dec.11,1963	271	2	38	18			Water at 48. Topsoil 1; brown sandy clay 11; blue clay 18; blue sand gravel
TRN		• 14	25.4 20.0000000000000000000000000000000000	R. Hudson	Nov. 2,1963	36	2	24	18			30; blue clay stones 38. Water at 18, Brown clay 10; blue clay 18; gravel 20; stony blue clay 28;
THN		15	M. Hodgert	HadcoWell Digging	Dec. 9,1963	271	1	39	26		D,S	Water at 18. Topsoil 1; brown clay stones 4; brown clay 16; blue clay 28;
TRS	•	1	H.C. Frayne	•	Dec.14,1961	30	10	29	18	•	s	gravel 32; blue clay 40. Water at 28. Topsoil 1; brown clay 16; blue clay 23; brown fine sand 25;
TRS		• 2	R. Frayne		Oct.13,1961	271	4	29	21	•	D,S	grave. 26;brown sand 28;blue clay 30. Water at 25. Topsoil 1;brown clay rocks 16;blue clay 21;gravel brown cla 24;gravel 30. Water at 24.
TRS		10	J.E. Miller		Dec. 5,1961	30	15	44	35	•	D,S	Topsoil 1; brown clay 3; brown clay rock 7; brown clay 16; blue clay 35; grey clay 39; rocks gravel 45. Water at 39.
TRS	9	11	Thames Road United Church		Apr.27,1961	30	6	30	8		ס	Topsoil 1; sand 3; brown clay 12; blue clay 27; gr vel boulders 29; blue clay 31. Water at 27.
TRS	•	25			Nov.30,1963	30	1	30	20		D,S	Topsoil 2; clay 30; clay sand gravel rocks 38; clay 39; rock. Water at 20.
West Waws: Con I		ot 21	E. Durnin	W.D.Hopper & Sons	Aug.16.1963	4	10	125	115	Fresh	D.S	Yellow clay 18; sand 33; blus clay stone 177; gravel 191; grey
Con I		25	. Committee of the comm		Mar.16,1960	4		98	90			rock 228. Water from 220 to 228. Yellow clay 36; sand 38; clay stones 127; gravel 133; brown
On II		15		Ladco Drilling	Oct. 4,1963	4	10	115	110			limestone 195. Water from 180 to 195. Pill dirt 6;grovel 23;grey clay rocks 40;sand 75;grey clay
Con IV	,	13	K.K. Dawson	G.L. Davidson	Apr.29,1961	5	15	147	110		פ	rocks 129; light grey limestone 200. Water from 183 to 195. Clay 7: and 10; clay 32; sand 40; clay hardpan 118; shale 122;
On VI	•	21	C. Boyle	Ladco Drilling	Aug.19,1963	4	9	160	150		D,S	brown rock 252. Water at 194, 223 and 252. Brown clay 15 grey clay rocks 225; light grey limestone 287.
Con X	•	25	G. Phillips	G.L. Davidson	Jul. 3,1963	4	10	80	60		D,S	Water from 240 to 284. Clay fistony gravel 36;hardban 46; outoksand 76;gravel hardp 87;quicksand 98;hardban 107;quicksand 134;brown shale 149; brown rock 199. Water at 199.
Con X		26	W. Webster		Mer. 1,1960	4	6	100	52	•	D,S	Fill 5; yellow clay 25; blue clay 52; send 100; hardnen 116; send 145; shale send 179; brown limestone 210. Water at 210.
∞n XII	•	22	A. Gaunt	*	Jun.27,1962	4	12	100	80	•	D,S	Blue clay 40; sand 47; hardpan 96; sand 103; stony hardpan 111; hard hardpan 155; loose shale 165; soft brown rock 192, Water at 192.

	URON COUNTY - West Wawanosh			t									
	Con XIII			S. DeBoer	Hadco WellDigging	Apr.27,1962	30	16	18	8	Fresh	D,S	Topsoil 1; brown sandy clay 5; brown sand 7; gravel 13; brown sand gravel 21; Water at 7.
	Con XIII	H	26	D. Hill	G.L. Davidson	Feb. 2,1963	4	12	60	55		D,S	Old dug well 15; quicksand 44; marl 54; sand 84; hardpan 114; shale 123; light brown hard limestone 162; dark brown h rd limestone 199. Water at 199.
	Con XIII	*	27	Yundt Bros. Contractors	*	Aug.27,1962	6	55	30	20		In	Dry sand 24; send grevel 54; merl 66; quicksand 96; brown soft shale 106; brown soft limestone 134; brown hard limestone 142; dark brown soft limestone 178; brown hard limestone 204; dark brown medium hard limestone 220. Water at 132, 165 and 220.
	Wingham Town			A.N. Atkinson	G.L. Davidson	Oct. 1,1960	4	12	52	26	Fresh	D	Sand gravel 16;hardpan stones 62;clay sand 78;gravel hardpan 158;sand stones 235;brown limestone 277. Water at 277.
	KENT COUNTY Bothwell Town			G. Chambers	S. Earl	Jun. 3,1960	4	3 <del>1</del>	60	20	Fresh	D	Red sand 28; clay 80; hardpan 96; black shale 97. Water from 94 to 96.
	Bothwell "			J.A. Beatty	*	Jun.15,1960	4	1	60	20	•	D	Red sand 28; clay 82; hardpan 92; black shale 97. Water at 92.
	Camden Twp.												
A 1	Con A Con A	lot	5	A. Howes	S. Earl	Nov.12,1962 Nov.21,1962	4	1	60	14	Fresh	ם	Clay 40; hardban 105; black shale 119; grey shale 124. Dry hole. Sand 3; clay 44; hardban 79; gravel sand 81; hardban 82. Water from 79 to 81.
169	On A	н	6	E. Morgan	H.McDonald	Aug.23,1960	4	5	40	32	*	D,S	Topsoil 1; red sand 9; blue clay 51; sand hardpan 72; gravel 74.
	Con A	**	6	W, Smida	R.Pinsonneault	Aug.25,1962	4					N	Water at 72. Yellow clay 8; blue clay 47; silt sand clay 63; silt sand 63½; silt sand clay 91; silt sand 91½; clay sand silt 105; boulder.
	Con A	H	6	*	*	Sep. 3,1962	4					N	Yellow clay 8; blue clay 47; silt sand clay 93; silt sand 105; clay stones.
	Con A	**	9	G. Kendall		Aug.10,1962	4					N	Sand 6; blue clay 48; brown clay pebbles 52; sand silt 52; brown clay pebbles 68; shale 70.
	Con A	**	9	*	•	Aug.14,1962	4	4	34	22	Fresh	D	Sand 6; blue clay 48; brown clay pebbles 54; sand gravel 56. Water at 54.
	Con A	44	9 11	R. Hartley C. Bell	H. McDonald	Sep.14,1962 Jul.11,1962	4	11/2	30	19		D N	Sand 8; blue clay 47; gravel sand 49. Water from 47 to 49. Topsoil 2; brown clay 17; blue clay 45; brown clay gravel 50.
	Con A	17	11	es .	M	Jul.13,1962	4	1	59	24	*	N	Discontinued due to high gas pressure. Topsoil 2; brown clay 18; blue clay 43; brown clay gravel 59;
	Con A	*	11		86	Aug. 7,1962	4						black shale 60. Water at 58. Topsoil 2; brown clay 18; blue clay 48; brown clay gravel 58;
	Con A	**	11	*		Aug.10,1962	4						black shale 64. Dry hole. Topsoil 2; brown clay 16; blue clay 50; brown clay gravel 60;
	Con A	×	12	K. Heuchston	R. McGaffey	Feb.29,1960	4	5 <del>1</del>	35	23	Fresh	P	black shale 65. Dry hole. Topsoil 9;soft clay 52;hardpan 62;gravel 63;grey blue rock
	Con A	**	12	B. Snoblin	R.B. Webster	Dec.15,1960	4	7	30	10		s	99. Water from 63 to 65. Sandy topsoil 13; blue clay 56; gravel 58; black shale 68. Water
	Con A	*	14	D. McDonalds	R.Pinsonneault	Apr. 6,1963	4						at 68. Sand 9; blue clay 56; sand silt clay 77; stones brown clay
	Con A	п	15	H. Gillespie		Mar. 8,1963	4	4	22	9	Fresh	מ	pebbles 85. Dry hole. Topsoil 2; yellow sand 12; blue clay 42; silt sand clay gravel
	Con A	*	15	R.J.Simpson Co Can. Ltd.	•	Mar.25,1963	4	10	25	12	*		45; black sand. Water at 45. Yellow clay 12; blue clay 53; sand gravel 56. Water at 53.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCA	TION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TOWN	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ENT CO Camden Con B	Twp.	- cont		Swift Canadian	International Water Supply	Apr. 4,1960	6	160	10	8	Salty	In	Sandy clay 4; fine sand 11; soft grey clay 34; fine gravel sand 68; fine gravel soft shale 72. Water from 34 to 68.
Con B		*	17	J. Holmes	H. McDonald	Sep. 3,1960	4						Topsoil 2; red sand 12; blue clay 45; gravel 46; black shale 48 Dry hole.
Con I			1	B. Barker	**	Jun.16,1961	4						Topsoil 2; brown clay 15; gravel 21; blue clay 48; gravel 51; black shale 55. Dry hole.
Con I		11	1	*	Ħ	Jun.19,1961	4	2	40	20	Fresh	D	Topsoil 2; brown clay 15; gravel 22; blue clay 45; gravel 50; black shale 54. Water at 52.
∞n I			4	M. Pickard	R.W. Simpson	Jul. 3,1963	4						Topsoil 2; yellow sand 6; blue clay 40; hardpan 74; hard heads 76; hardpan 78; limestone 82. Dry hole.
Con I		"	4	**	**	Jul.16,1963	4	21/2		30	Fresh	N	Topsoil 2; yellow sand 7; blue clay 40; hardpan 68; black shale 71. Water at 68.
Con I		М,	4	*	W	Jul,18,1963	4			30	**	N	Topsoil 2; yellow sand 6; blue clay 40; hardpan 74; fine sand 7 hardpan 90; limestone 93. Water from 74 to 76.
Con I		**	4			Jul.23,1963	4						Topsoil 2; yellow sand 6; blue clay 40; hardpan 71; black shale 74. Dry hole.
Con I		*	4	.*	HadcoWell Digging	Aug.18,1963	30	5	73	49	Fresh	s	Topsoil 1; brown sandy clay 5; blue sandy clay 43; brown hards 60; blue sandy clay 67; black sand 74. Water at 72.
On I		***	9	B. Parker	J.E. Smith	Sep.20,1960	4	1 2	24	12	*	D	Sand quicksand 14; clay 46; gravel 46g; hardean 48; sand 60; gra 61. Water at 60.
Con I			13	H. Tiffin	R.W. Simpson	Jun. 8,1960	3	5	12	10	**	D,S	Topsoil 3; yellow sand 9; blue clay 52; gravel 58; sand gravel 60. Water at 58.
Con I		<del>11</del>	14	T. Tacker F.R. Gee	R. Pinmonneault C. L'Ecuyer	Jul.17,1962 Oct.20,1960	4	8 2½	35 24	16 10		D D	Sand 10; blue clay 44; sand gravel 59. Water at 44. Clay 10; sand 16; clay bebbles 52; sand 65; gravel 66. Water at 66.
Con I	I	H	12	D. Wodlinger	H. McDonald	Jan.10,1960	4						Topsoil 1;quicksand 4;blue clay 42;brown clay shale 48;sand 50. Dry hole.
Con I	I	**	12		w	Jan.15,1960	4						Topsoi' 1; ouicksand 5; blue clay 45; brown clay shale 50; sand 57. Dry hole.
On I	I	H	12		"	Jan.19,1960	4	5	18	4	Fresh	D	Topsoil 1; quicksand 4; blue clay 43; brown clay shale 47; sand gravel 48. Water at 47.
Con I	I	**	12	n	"	Feb. 4,1960	4	7	12	4	•	D	Topsoil 1; quicksand 4; blue clay 40; clay black shale 49; sand gravel 50. Water at 49.
∞n I	II		6	H. Powers	R. Pinsonneault	Aug. 6,1962	4	4	18	7	н	s	Yellow clay 10; blue clay 46; gas clay 48; gravel 49; shale 53.
Con I	II	"	8	P. Rolston	*	May 24,1962	4			8	**	N	Water at 48 and 52. Sand 14; blue clay 43; sand 45; clay 65; boulder. Water from 43
On I		n		F.Featherstone C. Ross	J.E. Smith	Qct.16,1963 Dec.20,1960	4 4	12	11	10		D,S	to 45. Yellow sand 8; blue clay 37; blake sahel 39. Water at 37. Sandy topsoil 5; brown clay 37; fine gravel 37½; blue clay 47; sand gravel 47½; blue clay 56; black shale 80. Dry hole.
Con I	٧	*	6	*	**	Jan.14,1961	4						Sandy clay 6; brown clay 36; sand hardban 47; yellow soapstone
Con I	V		6	11	"	Mar.15,1961	4	3	20	10	Fresh	D,S	48; sand 56; blue clay 57; black shale 60. Dry hole. Yellow sand 8; blue clay 37; sand 48; black shale 48½. Water a
Con I	V	7	7	G. Neely	R. Pinsonneault	Apr.29,1962	4						482. Brown clay 3; yellow clay 10; blue clay 37; sand silt gas 372
Con I	V	**	7	*	*	May 1,1962	4						clay sand silt 49; shale 65. Dry hole. Brown clay 3; yellow clay 10; blue clay 37; sand silt gas 372
Con I	V	Ħ	7		75	May 7, 1962	4	8	13	8	Fresh	D	clay sand silt 49; shale 60. Dry hole. Brown clay 3; yellow clay 10; blue clay 37; sand silt gas 37\frac{1}{2}\$ blue clay 41\frac{1}{2}; black sand 46; fine gravel 47; shale 51. Water
Con V		*	1	R. McFadden	D.C. Simpson	Apr.12,1963	4	4	24	13		D,S	at 51. Topsoil 5; grey clay 44%; loose shale gravel 45%. Water at 4

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	Con Con Con	T .	lot		G. Pretty A. Forget	R.W. Simpson D.C. Simpson	Oct.16,1962 Oct.20,1962 Jan. 1963	4 4 4	5 4	20 19 16	16 14 91	Fresh	D,S	Topsoil 2; yellow clay 9; blue clay 43; black shale 44. Water at 43. Topsoil 2; yellow clay 9; blue clay 43; black shale 44. Water at 43. Clay loam 2; yellow clay 6; blue clay 38; gravel 39; black shale
	Con 1	71	**	1	M. McFadden	Mandley Drilling	Jan.12,1963	5	3	60	19		D	418. Water at 38. Clay 40; gravel 43; black shale 66. Water at 66.
		/I Con I Con I	19	3 3 3	P. Bushey M. Manak	Contr's Ltd. R.W. Simpson D.W. Wade	Jun.25,1962 Nov.28,1961 Nov.29,1961	4 4 4	2	28	10	*	D	Topsoil 5; yellow clay 9; blue clay 34; black shale 36. Water at 34, Sand 8; grey clay 49; hardban 63; black shale 79. Dry hole. Sand 8; grey clay 49; hardban 55; grey shale 85; black shale 88.
		Con I Con I	**	3	R. McFadden	D.C. Simpson	Nov.30,1961 May 3,1963	4	14 3	14 33	11 16	Fresh	D D	Dry hole. Sand 8;grey cley 49;hardban gravel 52. Water at 52. Topsoil 1;sand 4;red clay 6;grey clay 53;gravel 55;soft black
		Con I Con I	"	5 5	A. Basiak W.A. Craig	H.A. Brandon D.C. Simpson	Jul.14,1960 Oct.30,1963	4 4	5	10 15	10 7	n n	D,S	shale. Water at 53. Red clay 18; blue clay 50; shale 55. Water at 50. Topsoil 2; clay 47; gravel loose shale 49; soft black shale 61. Water at 47.
	Gore	Con I	n	6	H.Richmond &	H. McDonald	Sep. 8,1962	4	10	13	10	Ħ	D,S	Topsoil 2; brown clay 10; blue clay 50; gravel 51; black shale 52; Water at 50.
	Gore	Con II	W	3	F. Augustino	*	Apr.14,1960	4						Topsoil 3; quicksand 8; brown clay 20; blue clay 55; grey rocks 58. Dry hole.
	Gore	Con II		3	*		Apr.18,1960	4						Topsoil 3; quicksand 7; brown clay 18; blue clay 52; black shale 60. Dry hole.
	Gore	Con II		3		"	Apr.20,1960	4						Toosoil 2; quicksand 8; brown clay 18; blue clay 54; grey rock 55. Dry hole.
17:	Gore	Con II	**	3	89		Apr.23,1960	4						Topsoil 2;quicksand 8;brown clay 18;blue clay 53;grey rock 56. Dry hole.
	Gore	Con III	W	1	W. Robbins	**	Mar.21,1961	4						Toosoil 2; brown clay 6; quicksand 12; brown clay 15; blue clay 47; black shale 50. Dry hole.
	Gore	Con III	**	1	"		Mar.23,1961	4						Topsoil 2; brown clay 8; nuicksand 12; brown clay 20; blue clay 48; black shale 50.
	Gore	Con III		1	**	n	Aug.27,1962	4						Topsoil 2; yellow clay 7; blue clay 47; hardpan 64; grey black shale 66. Dry hole.
		Con III Con III		1 5	N. Lovell	*	Aug.29,1962 Oct. 5,1960	4 4						Topsoil 2; brown clay 22; blue clay 44; herdoan 59. Dry hole. Topsoil 2; brown clay 22; blue clay 60; black shale 64; grey soapstone 87. Dry hole.
		Con III	**	5 5	"	*	Oct.10,1960 Oct.14,1960	4 4 2	11/2	60	24	Fresh	D,S	Topsoil 2; brown clay 20; blue clay 53; black shale 75. Dry hole. Topsoil 2; brown clay 20; blue clay 58; gravel 60; black shale 75. Water at 58.
		Con III Con III	н	5	J. Komosny	D.C. Simpson	Oct.18,1960 Mar. 5,1963	4						75. Water at 58. Topsoil 2; brown clay 18; blue clay 51; black shale 70. Dry hole. Clay loam 3; grey clay 40; hordban 52; gravel 59; black shale 618. Dry hole.
		Con III		8	**	и и	Mar. 7,1963 Mar. 9,1963	4						Clay loam 3; blue clay 41; hordpan 59; black shele 60. Dry hole. Clay loam 3; grew clay 40; hardpan 57; loase black shale 58; black shale 60. Dry hole.
		Con IV	11	5	R. Houston	R.W. Simpson	Apr. 1,1960 Apr. 3,1960	† †	3	25	7	Fresh	D	Yellow sand 8; outcksand 11; blue clay 38; hardban 47. Dry hole. Topsoil 2; yellow clay 7; blue clay 32; hardban 38; gravel 39. Water from 38 to 39.
	Gore	Con IV	70	5	Imperial Oil Ltd.	Mandley Drilling Contr's Co. Ltd.	Aug. 7,1961	5월	1	55	40	**	С	Sand yellow clay 9; ouicksand 20; blue clay 42; black shale gravel 54; black shale 55. Water at 53.
	Gore	Con IV	*	8	J. Samela	H. McDonald	Oct.31,1962	4	6	15	10	"		Topsoil 2; brown clay 16; blue clay 38; gravel 40. Water from 38 to 40.
	Gore	Con V	"	1	H. Sherk	Mandley Drilling Contr's Co. Ltd.	Apr. 6,1961	5	25	23	18	"	С	Sand 5; clay 42; gravel 43; black shale 69. Water from 61 to 65.
	Gore	Con V	*	2	R. Wells	R.W. Simpson	Oct. 2,1960	4						Topsoil 3; yellow clay 10; blue clay 48; hardpan 61; black shale 62. Dry hole.

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roc	CATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	LEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NT COUNTY Samden Twp.				H. Veneema	R.W. Simpson	Mar.15,1961	4						Topsoil 2; yellow sand 6; blue clay 35; hardpan 62; black shale
Gore Con V	V		2	*	19	Mar.18,1961	4						65. Dry hole. Topsoil 2; yellow sand 6; blue clay 35; hardpan 62; black shale. Dry hole.
Gore Con V	V		2			Mar.21,1961	4						Topsoil 2; yellow sand 6; blue clay 35; hardpan 62; black shale 68. Dry hole.
Gore Con V	V		2	S. Gillies		Nov. 4,1961	4						Topsoil 3; yellow clay 7; blue clay 46; hardpan 52; soft black shale 57. Dry hole.
Gore Con V	V	*	2	•	H	Nov.12,1961	4						Topsoil 3; yellow clay 7; blue clay 46; hardpan 52; black shale.
Gore Con V	V.	•	2	•		Nov.21,1961	4						Topsoil 3; yellow clay 8; blue clay 47; hardpan 53; black shale. Dry hole.
Gore Con V	V	М	3	Dr.P,B. Moorhead	D.W. Wade	Jul.23,1960	4						Sand 6; grey clay 36; hardpan 59; black shale 80. Dry hole.
Gore Con V	V	**	3	*		Jul.27,1960 Aug. 2,1960 Aug. 4,1960	4 4	∠ <u>1</u>	90	16 15	Fresh	N D	Sand 5;grey clay 37;herdpan 60;black shale 80. Dry hole. Sand 6;grey clay 38;hardban 6°;black shale 90. Water at 65. Sand 5;grey clay 35;herdban 50;fine gravel 55;black shale 60
Gore Con V Gore Con V Gore Con V	v		4	M. Woolman G. Burell	R.W. Simpson H. McDonald	Sep. 2,1960 Apr.25,1962	4 5	ĺ	2,5	-5			Water at 56. Topsoil 5;blue clay 36;hardnan 48;black shale 50. Dry hole. Topsoil 2;brown clay 20;blue clay 45;gravel 48;black shale
Gore Con V	V		5			Apr.26,1962	4						67. Dry hole. Topsoil 2; brown clay 5; quicksand 7; brown clay 15; blue clay
Gore Con V	V	Ħ	5			Apr.27,1962	4						40; gravel 42; black shale 50. Dry hole. Topsoil 2; brown clay 4; outcksand 6; brown clay 16; blue clay
Gore Con V	V	w	5	F. Hazzard	D.C. Simpson	Sep. 5,1962	4	2	35	18	Fresh	D	38;gravel 40;black shale 42. Dry hole. Red sand 7;blue clay 49;gravel hardpan 53;black shale 58. Water at 51.
Gore Con V Gore Con V Gore Con V	V		5	T. McVean Murphy Parm	D.W. Wade D.C. Simpson	Sep.16,1962 Sep.17,1962 Sep.21,1962	7 7 4	3	50 30	28 20	**	D	Sand 10;grey clay 42;hordban 53;black shale. Dry hole. Sand 6;grey clay 42;hordban 53;black shale 64. Water at 53. Topsoil 4;gravelly clay quicksand 17;blue clay 41;hordban 44 gravel 47;black shale 52. Water from 44 to 47.
Gore Con V	V	н	8	Equipment M. Mako	H. McDonald	Apr.24,1962	4	1/2	67	14	*	D,S	Topsoil 2; brown clay 20; blue clay 44; gravel 50; black shale 67. Water at 44.
Gore Con V	VI	11	4	W.McFadden Jr.	R.W. Simpson	Aug.16,1960	4	4	19	15		D,S	Old dug well 18; blue clay 35; hardpan 45; gravel 48; black sha: 49. Water at 45.
Gore Con V	VI	**	9	R. Debicki	D.C. Simpson	Aug.28,1962	4						Clay topsoil 6; blue clay 35; h rdpan 47; gravel 50; black shale 54. Dry hole.
Gore Con V Gore Con V			9	G. Holmes	H.A. Brandon	Aug.30,1962 Jul.11,1960	4 5	1	45	16		D,S	Clay 7; blue clay 36; hardpan 48. Water at 46. Red clay 15; blue clay 39; hardpan 40; rock 55; black shale 125; shale 127. Dry hole.
Gore Con V	VII	**	3		R. Pinsonneault	Apr.15,1962	4						Brown clay 3; yellow clay 15; grey clay pebbles 43; gas sand 43; grey clay pebbles 50; shale 75. Dry hole.
Gore Con V	VII	#	3	•	**	May 10,1962	4						Brown clay 4; yellow clay 15; blue clay pebbles 50; shale 60. Dry hole.
Gore Con V	VII	**	3		W	May 14,1962	4						Sand 5; yellow clay 15; blue clay pebbles 47; sand silt 50; sha 57. Dry hole.
Gore Con V Gore Con V			3	R. Steele	D.W. Wade	May 18,1962 Sep.29,1960	4 4	1 3	27	40 9	Fresh	D,s	Sand 5; blue clay pebbles 46; sand shale 55. Water at 46. Yellow clay 12; blue clay 34; hardpan 43; black shale 45. Water at 43.
Gore Cor V			10 10	G. Kerr F. Coke	C. Webster	Oct. 4,1963 Nov.21,1963	4 10						Tellow clay 8; blue clay 24; hardman 55; black shale 57. Dry h Blue clay 17; clay 19; hard blue clay 29; silty clay 292; hardman 37. Dry hole.
Gore Con V	VII	**	10		D.W. Wade	Nov.25,1963	4	1	51	20	Fresh	D	Yellow clay 18; grey clay 36; hardpan 45; black shale 51. Wate at 45.

			co		i		Γ	1	1	1	1	1	1	1	1
	Core	Con	VIII	lot	2	C. Zunra	H. Brandon	Jun.26,1960	4			- 1			Red silty clay 16; blue clay 34; black shale 41. Dry hole.
	Gore	Con	VIII	**	2			Jun.27,1960	4		-		1		Red silty clay 16; blue clay 34; black shale 41. Dry hole.
	Gore	Con	VIII	11	2			Jun.28,1960	4		-				Red silty clay 16; blue clay 34; black shale 41. Dry hole.
	Gore	Con	VIII	177	2	•		Jun.29,1960	4		1				Top red silty clay 15; blue clay 34; black shale 41. Dry hole.
	Gore			**	2	-		Jun.30,1960	4			- 1			Silty clay 16; blue clay 34; black shale 41. Dry hole.
	Gore				2			Jul. 4,1960	4	20	40	25	Fresh	C	Top red clay 16; blue clay 34; black shale 41. Water at 40.
	Gore			**		C. Rogers	J.E. Smith	May 25,1961	4	4	22	25 16	H	Ď	Yellow clay 8; blue clay 33; sand gravel 40. Water at 40.
	Gore			**		F. Konecny		Nov.12,1961	4			18	*	N	Yellow sand 3; clay 25; shale 50. Water at 26.
	Gore			99	4	"		Nov.16,1961	4	1 ½ 1 ½		18	*		Yellow sand 3; clay 29; shale 44. Water at 30.
	Gore			**	7	F. Steele	R.W.Simpson	Nov.18,1963	4	- 2	- 1			0,0	Topsoil 2; yellow clay 7; blue clay 29; black shale 36. Dry hole.
	Gore					K. Bressett	H. McDoneld	Jul.10,1960	Ú.						Topsoil 2; brown clay 15; blue clay 23; grey rock 25. Dry hole.
	Gore			**	2	*	"	Jul.11,1960	4	6	6	3	Fresh	D S	Topsoil 1; blue clay 12; gravel 13; black shale 14. Water at 12.
	Gore			19	2	F. Steele	R.W. Simpson	Nov.30,1963	4	21	27	3	11		Topsoil 2; yellow clay 7; blue clay 30; b ack shale 31. Water at
	0010	w.,	IA		'	I. DUCCIC	man Stapson	10000,1707		~ .	~ (			D, 0	30.
	Gore	Con	TX		10	B. Sager		May 1,1963	4	3	27	10		D.S	Topsoil 2:yellow clay 6:blue clay 37;black shale 38. Mater at
						2. 0		, .,.,,						.,.	37.
	Gore	Con	X	27	9	G. Parkings	**	May 14,1960	4	5	12	10		D.S	Topsoil 2; yellow clay 9; blue clay 26; black shale 27. Water at
					1					1				- , -	26.
	Gore	Con	XI	m	1	N. Weaver	J.E. Smith	Apr. 5,1961	4	8	10	5		D	Blue clay 35; fine coarse sand 48; black shale 482. Water at 48.
	Gore			11		J. Hunter	**	Apr.12,1961	4	3	18	5		D	Blue clay 36; sand 38; blue clay 47; sand 48; black shale 48;.
					_			204 (213 200 41 2 X 1 1 1		-					Water at 48.
	Gore	Con	XII	69	5	S. Caryn	R. Pinsonneault	Mar.12,1963	4	12	13	12	Sulphur	D.S	Topsoil 2; yellow clay 14; blue clay 32; shale. Water at 32.
	Gore	Con	IIY	99	7	R. Butler	R.W. Simpson	May 16,1960	4	4	11	5	Fresh	D.S	Topsoil 1; yellow sand 6; blue clay 18; loose shale. Water at 18.
	Gore				7		#	May 17,1960	4		-	_			Topsoil 2; yellow sand 8; blue clay 20. Dry hole.
_	Gore			99	7		#	May 18,1960	4	3	17	12	Sulphur	D.S	Topsoil 2: yellow sand 6: blue clay 18: loose shale. Water at 18.
2	Gore	Con	XIII	19	1	J. McDonald	*	Aug.29,1960	4	4	14	8	Fresh	D.S	Topsoil 7; blue clay 50; hardpan 56; gravel 58; grey dark limestone
-															60. Water at 56.
	Gore	Con	XIII	99	8	G.Parkings		May 20,1960	4						Topsoil 2; yellow sand 6; blue clay 23; black shale. Dry hole.
	Gore	Con	XIII	**	8	H	*	May 21,1960	4	6	15	8	Fresh	D,S	Topsoil 2; yellow sand 7; blue clay 21; black shale. Water at 21
	Gore	Con	XIII	**	8	J. Vyn	R. Pinsonneault	Apr. 1,1963	4	2	25	4		D	Clay 27; shale 32. Water at 32.
	Gore			98	9	S.S.# 5	*	Jan.31,1963	4	31	37	16	Fresh	P	Topsoil 2; yellow sand 15; blue clay 34; shale 39. Water from 37
						7 LC L COM .									to 38.
	Gore	Con	XIII			D. Steele	R.W. Simpson	Sep.29,1963	4						Topsoil 2; yellow clay 9; blue clay 38; black shale 42. Dry hole.
	Gore	Con	XIII	(90)	10			Sep.30,1963	4						Topsoil 2; yellow clay 9; blue clay 37; black shale. Dry hole.
	Gore	Con	VIX	99	2	E. Miller	R. McGaffey	May 20,1960	4	10	8	7	Fresh	D,S	Topsoil 8; soft blue clay 47; h rdpan 52; hord grey top rock.
															Water at 52.
	Gore	Con	XIV			E.R. Smith	R. Pinsonneault	Oct.19,1963	4	10	32 25	8	**	D	Sand 7; blue clay 51; gravel 52. Water at 51.
	Gore	Con	XIV	10	7	A. Nash	=	Jun.28,1962	4	4	25	13	**	D,S	Sand 5; clay 45; gas gravel 452; clay 50; sand 51; clay 54; sand
					1										gravel 55. Water from 54 to 55.
	Gore					J. Koster	G.L. McGaffey	May 6, 1962	4	5	28	18		D	Clay 30; hardpan 32; black shale 50. Water at 50.
	Gore			**	13	*	R. Pinsonneault	Jan. 5,1963	4						Topsoil 3; blue clay 41; shale 56. Dry hole.
	Gore	Con	XIV	10	13		**	Jan.10,1963	37	4	26	20		D,S	Topsoil 3; yellow sand 16; blue clay 372; soapstone 412; shale 42.
						and the second of the second o									Water at 412.
	Gore	Con	VIV	99	15	P. Markowski		Aug.15,1962	4	4	29	20	,,	D,S	Yellow clay 10; blue clay 40; shale 43. Water at 43.

Sep.23,1961

Sep.30,1961

Nov. 7,1961

Oct.18,1961

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J.F. Cornhill O.L'Ecuyer

G. Rice

H. Millyard

R. Millyard

KENT COUNTY - cont. Camden Twp. - cont.

Chatham Twp. Con I

Con I

Con I

Con I

lot 4

40

50

22

22

28

Fresh

D

Water at 61.

Water at 67.

65; black shale 68. Water at 66.

64; shale 66. Dry hole.

Red sand 10; soft blue clay 45; hardpan 61; sand gravel 63.

Red sand 12; soft blue clay 45; hardpan 64; black shale 68.

Clay 16: sand 18: clay 42: gravel sand 46; clay 62; gravel sand

Yellow sand 8; blue mud 38; quicksand 46; blue mud 62; quicksand

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCAT	TIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TEVEL.	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ENT COUNTY - Chatham Twp. Con I				R. Millyard	G. Rice	Oct.31,1961	4						Yellow sand 8; blue clay 38; quicksand 46; blue mud 59; sand 61;
Con I		*	4	H. Blair	D. Lecuyer	May 2, 1962	4						shale 63. Dry hole. Clay 16; sand 18; clay 54; sand gravel clay 63; black shale 67.
Con I		*	4	R. Millyard	G. Rice	Oct.31,1961	4						Dry hole. Yellow sand 8; blue clay 38; quicksand 46; blue mud 59; sand 61;
Con I			4	H. Blair	E.Lecuyer	May 2, 1962	4						shale 63. Dry hole. Clay 16; sand 18; clay 54; sand gravel clay 63; black shale 67.
Con I			4			May 7, 1962	4	L 3	60	12	Fresh	D	Dry hole. Clay 17; sand 20; clay 55; gravel sand clay 59; coarse gravel 60;
Con I		ń.	5	P. Caron	O L'Ecuyer	May 19,1960	4	3	63	16		D	black shale 61. Water from 60 to 61. Clay 10; sand 12; clay 41; clay pebbles 62; gravel sand (24; black
Con I			5	A. Dragstra		May 22,1960	4	23	18	15		D	shale 63. Water at 63. Clay 9:sand 11:clay 40:clay perbles 62:grayel sand 62%;sandy
Oon I				H.Allemeersch		Jun. 8,1960	4	21	20	15		D	shale 63; black shale. Water at 63. Clay 10; sand 10; clay 40; clay pebbles 50; clay sand 61; sand
Oon I			_	R. Tardiff		Jul. 4,1960	4	21	20	16		D	gravel 63; black sandy shale 64. Water at 63. Clay 12; sand 13; clay 44; sand gravel 62; black sandy shale 66.
Con I				L. Dierickse		Jul.10,1960	4	2 <del>}</del>		16		D	Water at 62.
			-		_				17		_		Clay 10; sand 12; clay 42; clay bebbles 61; gravel sand 62; black soft rock 63. Water at 63.
Con I		*		W. Kowalyk		Jun.25,1961	4	3	45	20		D	Red sand 11; blue clay 32; hordown 44; gravel 45; hordown 66; sand gravel 68. Water at 44 and 66.
Con I		*	5	W. McDonald	D. Lecuyer	Apr.28,1962	4	2 2	40	14		D	Clay 15:sand 16; clay 55; sand clay 61; gravel sand 64; black shale 66. Water at 61.
Con I		*	5	J. Cayderman	•	Sep.25,1962	4			14	•	N	Clay 17; sand 19; clay pebbler 55; gravel sand clay 64; black shale 68. Water from 60 to 64.
Con I		*	5	*	"	Oct. 2,1962	4	12	55	14		D	Clay 18; sand 19; clay pebbles 58; sand gravel clay 63; black shale gravel 65. Water from 63 to 65.
Con I		*	6	E. Bushy	O. L'Ecuyer	Sep. 3,1960	4	2 }	65	15	-	D	Clay 12; sand 14; clay 50; clay gravel 55; gravel sand 65. Water at 62.
Con I Con I			6	J. Batsford A. Bushey	:	Mar.28,1961 Oct.15,1961	4 4	2	40	22	Fresh	D	Red sand 12; blue clay 46; hardean 70; black shale 78. Dry hole. Red sand 12; soft blue clay 50; hardean 60; gravel fine sand 64. Water at 62.
Con I		Ħ	6		•	Oct.30,1961	4	2	40	15		ם	Red sand 12; soft blue clay 50; hardpan 65; sand gravel 68.
Con I		w	6	J.L. Rayment		Sep. 4,1962	4	1	40	15		D	Hard sandy clay 25; soft blue clay 50; hardpan 60; fine sand 62; sand gravel 63. Water at 63.
Con I Con I			6	M. Gottlieb W. Bodnar	C.4 M.Johnston C. L'Ecuyer	Dec.13,1063 Jan.18,1961	4 4	2	65	22	Fresh	D	Topsoil 16; sand 22; clay 59; sand 64; shale 73. Dry hole. Sandy loam 12; blue clay 55; hardpan 66; gr: vel 68; shale. Water from 66 to 68.
Cốn I		19	7	W. Keech	<b>*</b>	Peb. 1,1961	4	3	40	22		מ	Red sandy soil 10; blue clay 45; hardpan 65; gravel 68; sand
Con I Con I			? ?	G. Larkin A. Vanzielegh-	:	Apr.11,1961 Apr.23,1961	4	21/2	50	22	Fresh	D	gravel 70. Weter at 68. Red sand 12; blue clay 45; hardban 70; black shale 80. Dry hole. Red sand 10; blue clay 50; hardban 64; sand gravel 66; black shale 75. Water from 64 to 66.
Con I			7	R. Lucier	C M.Johnston	May 12,1961	4						Yellow sand 20; blue clay 45; clay sand 53; grey clay 62; gas
Con I			7	J. Bushey	0. L'Ecuyer	Nov.20,1961	4	21/2	40	15	Fresh	D	63; send 64; gravel shale 70; shale 72. Dry hole. Red sand 12; soft blue clay 50; hardpan 60; sand gravel 62.
Con I			7	Cornhill Bros.		Aug. 9,1962	4	21	30	20		D	Water at 60. Hard clay 10; soft clay 50; hardnan 64; sand gravel 66. Water
Con I				R.A.DeClark	-	Aug.19,1962	4	1	50	20		ם	at 66. Red sand 12;soft blue clay 50;hordman 64;sand 65. Water at 65.

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	Chatham	NTY - co	con	t.	ī	1		. 1		1	1	1		
	Con I		lot	7	A. Verfaille	O. L'Ecuyer	Aug.15,1963	4						Red sand 10; soft clay 40; hardban 62; silt fine sand 63. Dry hole.
	Con I Con I		*	7 7	P. Dumsy	:	Sep. 5,1963 Sep. 5,1963	4						Red sand 10;soft clay 40;hardpan 62;silt 63. Dry hole. Red sand 10;soft clay 40;hardpan 62;silt 63;hardpan 80;muddy shale 85. Dry hole.
	Con I		**	7	A. Verfaille		Sep.10,1963	4						Red sand 10;soft clay 40;hardpan 62;silt 63;hardpan 83;shale 85. Dry hole.
	On I On I			7	J. Cattoor S. Goubert	D.C. Simpson	Sep.20,1963 Sep.20,1963	4 4	2 <sup>1</sup> ,	40 39	15 28	Fresh	D D	Red sand 10;soft clay 40;hordpan 59;gravel 63. Water at 59. Topsoil 1;clay 4;sand 9;grey clay 14;quicksand 16;~rey clay 57;hardpan 65;shalp hardpan 68;loose shale gravel 70½;black shale 72½. Water at 68.
	Con I		•	7	A. King	•	Sep.27,1963	4	3	40	28	н	D	Topsoil 1; clay 9; sand 10; grey clay 16; quicksand 17; grey clay 57; hardpan 68; loose shale gravel 70; black shale 76. Water at 68.
	∞n I		•	7	M. Ould	*	Oct.18,1963	4	2	30	18	•	D	Topsoil 7; clay 10; nuicksand 11; grey clay 44; hardpan 62; gravel 62; hardpan 65. Water at 62.
	Con I		*	7	R. Lumley	F. Couture	Dec.19,1963	4						Topsoil 5; ouickeand 9; blue clay 49; hardpan 50; blue clay 60; sand gravel 61; blue shale 80. Dry hole. Natural gas at 49.
	Con I		W	8	J.L.Studnicka	D.W. Wade	May 21,1960	4						Sand 16; grey clay 52; hardren 65; grey shale 86; black shale
	On I		Ħ	8			May 25,1960	4						Sand 16;grey clay 52;hardpan 60;grey shale 88;black shale.  Dry hole.
	Con I Con I			8	F. Micka	O. L'Ecuyer	May 27,1960 Aug.30,1960	4 4	1½ 2½	50 40	27 16	Fresh	D D	Sand 16; rey clay 52; hardpan 57; sand. Water at 57. Red sand 15; soft blue clay 45; hardpan 65; sand 66; hardpan 69; black slate 73. Water at 73.
75	Con I		Ħ	8	E. Carroll		Nov.26,1960	4	21/2	16	9	N	D	Clay 8; sand 13; clay 42; gravel clay 49; gravel pebbles 63; sand gravel 65; gravel 66. Water at 66.
	Con I		10	8	R. Goatbe	,,	Dec.12,1960	4	1	69	12	**	D	Clay 10; sand 16; clay 42; clay pebbles 60; sand gravel 66; gravel 67; black shale 69. Water at 69.
	Con I		*	8	R. O'Neill	C.&M. Johnston	Jul.12,1961	4	4	32	22	-	D	Yellow sand 9; fine grey sand 10; blue sand 19; grey sand 21; grey clay 6; gas pocket 61; grey sand 63; gravel 71; shale 73. Water at 10, 15 and 61.
	Con I		7	8	F. Micks	R. Pinsonneault	Jun.25,1962	4	4	38	21	н	D	Clay 4; sand 9; blue clay 40; brown clay pebble 56; fine sand 57; gravel 59. Water at 57.
	Con I		**	8	A. Stacey		Nov.25,1963	4	2	55	30	*	D	Topsoll 2; yellow clay 7; blue clay 40; sandy hardpan 70; shale 73. Water at 70.
	Con I		"	9	H. List	O. L'Ecuyer	Jul.28,1960	4	< <del>2</del>	93	14	*	D	Clay 11; sand 15; clay 46; clay pebbles 60; gravel 62; clay pebbles 78; sand clay 79; clay sand gravel 90; black shale 93. Water at 93.
	Con I			9	J.L Studnick		Dec. 1,1960	4						Red sand 12; soft blue clay 45; herdpan 55; fine sand 59. Dry hole.
	∞n I			9	69	*	Dec.15,1960	4	1	40	26	Fresh	D	Red sand 12; soft blue clay 45; hardpan 55; fine sand clay 58; coarse gravel 59. Water at 58.
	On I			10	S. Weese	D. Lecuyer	Peb.17,1962	4						Clay 9; sand 14; clay 55; sand gravel clay 72; greenish black shale 80. Dry hole.
	Con I		×	10		*	Mar. 3,1962	4	A					Clay 10; send 14; clay pebbles 57; sand gravel clay 62; sand gravel 70; gravel 72; greenish clay rock 80. Dry hole.
	Con I		19	10	H. Blackburn	R. Pinsonneault	Aug. 8,1963	4	(1	72	12	Fresh	N	Sand 17; b'ue clay 52; send gas 56; sand grovel clay 69; shale 72. Water at 69.
	Con I		*	10	•	•	Aug.12,1963	4	3			•	N	Water at 69.  Sand 17; blue clay 52; gas sand 56; sand gravel clay 69; shale 73.  Water at 73.
	∞n I		*	11	W.E. Fisher	HadcoWell Digging	Sep.27,1963	272	2	20	12		s	Topsoil 1;brown sand 12;blue sand 19;blue clay 20. Water at 12.
	Con I		•	12	M.G. Pelisek	O. L'Ecuyer	Jul.15,1960	4	21/2	40	16	•	D	Hed sand 12;soft blue clay 40;hardpan 50;sand 52;hardpan 60; gravel 62. Water at 62.
						the same of the sa	and the second second	2 2 2		107	20 - 50	N 12.00		·

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	UNTY - com Twp	con		W. Fisher	J.E. Smith	Aug.21,1961	4						Dark clay 4; sand 18; blue clay 52; sand 56; black shale 80. Dry
Con I Con I			12 12	" LoucksHatchery	C.& M. Johnston	Sep. 5,1961 Oct.28,1961	4 4	4	25	15	Presh	N N	hole. Yellow sand 18;clay 52;coarse sand 56. Water at 56. Yellow sand 8;blue sand 19;grey sand 20;grey clay 5°;grey
On I			12	W. Fisher	R. Pinsonneault	May 8, 1962	4			10		N	sand 62;grey sand pabbles 68;shale 75. Water at 6, 19 and 5 Topsoil 4;white quicksand 20;blue clay 23;fine white sand 3 blue clay 56;fine sand blue clay 69;black shale 75. Water a
Con I			12	K. Houston	G.L. McGaffey	May 14,1962	4						56. Clay 45; hardpan 55; sand 67; black shale 108; blue shale. Dry
Con I			12	-	-	May 21,1962	4						hole. Clay 8;sand 15;clay 44;sand 60;hardban gravel 71;black shal 86. Pry hole.
Con I			12	•		May 28,1962	4	3	45	25	Fresh	s	Clay 12; sand 15; clay 45; sand gravel 59; hardpan 68; hardpan gravel 71; black shale 90. Water at 84.
On I		in.	12	W. Fisher	R. Pinsonnesult	Nov.10,1962	4			18⅓		N	Clay 4; sand 20; clay 23; white sand 30; blue clay 52; sand gravel olay 56; black silt 56; sand gravel clay 66; shale 85. Water 156.
Con I		*	12	*	*	Nov.20,1962	4	3	45	18	•	D,S	Clay 4; sand 20; clay 23; white sand 30; blue clay 55; sand clay gravel 63; fine sand gas 632; sand clay 70; sand gravel clay 7 Water from 70 to 71.
Con I		•	17	R. Clark	D. Lecuyer	Sep.17,1963	4	21/2	60	12	1100	D	Clay 15; sand 18; clay 54; gravel sand 77; black shale 90. Wate at 78.
Con I	I		3	G. Okrucksy		Sep. 2,1961	4						Clay 12; sand 13; clay 17; sand 18; clay 55; clay sand pabbles 6 coarse gravel 74. Dry hole.
Con I	I	•	3	•	•	Sep.12,1961	4	1	14	12	Fresh	D	Clay 11;sand 13;clay 17;clay pebbles 56;clay gravel 61;coar
Con I	I		3	G. Martin	O. L'Ecuyer	Dec. 1,1962	4	2	50	15	•	D	Red sand 12; soft blue clay 50; hordban 69; sand gravel 70. Weter at 70.
Con II		*	3 3	J.G. Bell J. Vanuden	D. Lecuyer	Feb. 4,1963 Jul.14,1963	4	4	21	20	•	ם	Elue clay 55; hardban 64; gravel 66. Water from 64 to 66. Clay 15; sand 17; clay 65; clay sand gravel 70; gr vel clay 72; blac's shale 80. Dry hole.
Con I	I		3	•	•	Jul.20,1963	4						Clay 16; sand 17; clay 55; gravel clay 65; gravel sand 68; black shale 72. Dry hole.
Con I	I		3			Aug. 2,1963	4						Clay 15; sand 25; clay 50; gravel clay 60; gravel sand 68; block shale 72. Try hole.
Con I	I	•	3	•	,	Aug.10,1963	4						Clay 15; sand 17; clay 40; grovel clay 62; gravel shale 66; blace shale 68. Dry hole.
Con I	I		4	N. Philippi	C. L'Ecuyer	Jul.12,1960	4						Clay 12; sand 14; clay 46; clay pebbles 62; coarse loose shale black shale 66. Pry hole.
Con I	I		4	•		Jul.18,1960	4						Clay 12; sand 13; clay 46; clay pebbles 61; gravel clay 64; blace shale 65. Dry hole.
Con I	I	•	4	A. LeGroix		Nov. 4,1960	4	2	82	14	Fresh	D	Clay 10; sand 13; clay nebbles ?1; clay grovel 72; black shale 81; sandy shale 92. Water at 82.
Con I	I	•	4	E. Kayhue	D. Licuyer	Jan. 6,1961	4	2	50	16		D	Clay 10; sand 14; clay 45; clay sand pebbles 70; gravel 75; grav loose shale 84; soft blac's shale 98. Water at 88.
Con I	I	M	4	H. Ryken		Jan.11,1961	4	21	77	14		פ	Clay 9; sand 13; clay 45; clay pebbles 68; gravel sand 70; soft black shale 77. Water at 77.
Con I	I	•	4	A. Hystek	0. L'Ecuyer	Jul.16,1962	4	2 1	40	22		ם	Red sand 12; soft blue clay 55; hardpan 75; brown shale 82. Water at 82.
Con II		*	4 4	S. Caron		Jan.10,1963 Jan.18,1963	4 4	1	42	17	Fresh	ם	Water at 62. Soft clay 55; hardban 63; black shale 68. Dry hole. Soft blue clay 55; hardban 63; loose shale gravel 66. Water from 64 to 66.

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	ENT COUNTY - Chatham Twp. Con II	- 0	nt.	ı		ln	I	ا ما		أتخا		l	1 _	1
			ot 4	- 1	A. Clogg	D. Lecuyer	Jul. 3,1963	4	2	65	17	Fresh	D	Clay 15; sand 17; clay 52; sand 54; clay bebbles 67; black shale 72. Water at 71.
	Con II		4	1	J. Vanuden	R. Pinsonnesult	Jul.31,1963	4						Sand 4; blue clay 54; brown clay pebbles 63; coarse sand 631; clay stone 68; shale 72. Dry hole.
	Con II	9	4	1	•	•	Aug. 3,1963	4						Sand 4; blue clay 54; brown clay pebbles 63; coarse sand 633;
	Con II	9	14			O. L'Ecuyer	Oct.10,1963	4						clay stone 68; shale 71. Dry hole. Sand 12; soft clay 40; hardban 62; shale 65. Dry hole.
	Con II	ÿ.	5		T. Couture	•	Jun.14,1960	4						Clay 9; sand 11; clay 50; clay behbles 61; sand gravel 62; black
	Con II	3	5		#	*	Jun.20,1960	4	21/2	17	17	Fresh	D	sandy shale 70. Dry hole. Clay 10; sand 11; clay 50; coarse gravel 51; sand clay 64; sand
	Con II	9	5		H. Eagleson	D. Lecuyer	Nov.21,1962	4						gravel 54; black sandy shale 66. Water at 66. Clay 15; sand 17; clay rebbles 62; gravel sand 63; black shale
	Con II		5					4	01				_	65. Dry hole.
	on II		-	1			Nov.24,1962		2 2	50	16	Fresh	D	Clay 15; sand 17; clay mebbles 60; sand gravel 63; black shale 65. Water at 64.
	Con II	,	5		G. Vanuden	•	Nov.29,1962	4	21/2	50	12	*	D	Clay 16; sand 17; clay pebbles 58; sand gravel 66; black shale 74. Water at 73.
	Con II	9	6	1	W. Homenuk	O. L'Ecuyer	Jul. 9,1963	4						Red sand 10; soft clay 20; hardban 35; soft clay 62; fine sand
	Con II	9	6		w		Jul.12,1963	4						63;herdpan 70. Dry hole. Red sand 8;soft clay 22;herdpan 32;soft clay 63;fine sand 64;
	Con II		7		H. Kayhue	D. Lecuyer	Jan.28,1961	4	11	78		Desale	D	hardpan 87. Dry hole.
						D. Lecuyer			15	76	10	Fresh	D	Clay 10; sand 14; clay pe bles 58; sand 61; clay pebbles 66; clay gravel sand 74; green shale 75; dark shale 78. Water at 74.
_	Con II		7		E. Vanrabaeys		Nov.20,1961	4						Sandy losm 3; clay 8; sand 13; clay 48; clay gravel 69; gravel clay 73; black soft shale 79. Bry hole.
77	Con II		7	1			Nov.29,1961	4	3	60	38	Fresh	D	Sandy losm 3; sand 13; clay 50; clay gravel 66; sand gravel 69;
	Con II		7		L. Jenkins		Dec. 6,1961	4	4	12	12		D	black sandy shale 69th. Water at 70. Clay 9; sand 10; clay 58; gravel clay 66; green shale 71; black
	Con II		7		K. Jenkins	C. & M.Johnston	Sep.11,1963	4			07,554			shale 72. Water at 72. Topsoil 5; sand 20; clay 41; clay sand 51; clay 58; clay stone 62;
			885	ľ	A. Countino	- a m.comsecon					_			shale 66. Dry hole.
	Con II	,	7	1	•		Sep.20,1963	4	2	20	8	Fresh	פ	Topsoil 4; sand 19; clay 40; clay sand 50; clay 57; clay stone 61; shale 62. Water at 19 and 61.
	Con II	9	9	į.	S. Vovari	O. L'Ecuyer	Aug. 6,1960	4	21	35	17		D	Clay 11; sand 15; clay 42; clay rebbles 64; gravel sand 65; loose
	Con II	7	10	١	H.A.Blackburn	R. Pinsonneault	Mar.31,1962	4						shale 72; black shale 73. Water from 70 to 72. Yellow sand 15; blue clay 54; sand silt 62; sand clay 70; loose
	Con III	,	1		W.N. Gardiner	D. Lecuver	Feb.23,1961	4						shale 73; bedrock 75. Water from 54 to 56. Clay 12; sand 14; clay 55; sand gravel clay 70; gravel sand 77;
	Con III		1	-		•		4						black soft shale 84. Dry hole.
			1			~	Mar. 3,1961							Clay 12; sand 15; clay 57; sand gravel clay 73; gravel sand 77; dark soft shale 80. Dry hole.
	Con III Con III	- 3	3		E. Ciganek R. Williams	R. Pinsonnegult O. L'Ecuyer	Jul.28,1962 Mer.17,1962	4	21	60 30	20 15	Fresh	D,S	Sand 12; blue clay 54; sand silt 55; clay pebbles 80. Water at 80. Red sand 10; soft blue clay 60; bardpan 68; sand gravel 70.
										-	_		_	Water from 68 to 70.
	Con III		5		E.VanDerMolen	D. Lecuyer	Oct. 9,1962	4	3	35	9	•	D	Clay 16; sand 18; clay pebbles 52; sand clay gravel 68; gravel sand 72; shale 78. Water at 78.
	Con III Con III		7		M.Devogelaere J. Sowenski	R.B. Webster D. Lecuyer	Aug. 18, 1961 Jun. 22, 1963	4	2	45 45	14	:	D	Sand clay 10; blue clay 60; clay stones 70; shale 73. Water at 73.
										-			_	Clay 8; sand 10; clay 42; gravel clay 56; sand gravel 70; gravel 73; sandy shale 74; green black shale 80. Water at 74.
	On III	,	8	1	J. Zak	O. L'Ecuyer	Oct.15,1960	4	2	50	10	•	D,S	Red sand 10; soft blue clay 55; hardnan 69; sand gravel 70. Water at 70.
	On III	•	12		F. Craven	R. Pinsonneault	May 5, 1961	4	4	30	16	•	D,S	Brown clay 4; yellow sand 18; grey clay 56; sand 67; shale 69.
	On III		12		T. Brown	•	Sep.16,1961	4	5	15	10		D,S	Water at 67. Dark clay 4; sand 18; blue clay 46; sand 49; sand clay 50; sand
														53; sand clay 54; sand 56, Water from 50 to 56.
			-	* *		V C UZ C C C C C C C C C C C C C C C C C						•	•	

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

14	LOCAT	TION	v	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
a	T COUNTY - latham Twp. bn III	- co	nt.	T. Brown	R. Pinsonneault	Apr.10,1963	4			18	Fresh	N	Topsoil 3; clay 12; white sand 16; clay 20; white sand 29; clay 52;
)	on III	*	12	•		Apr.17,1963	4						black sand 54; clay sand gravel 67; shale 75. Water at 52. Topsoil 3; clay 12; white sand 16; clay 20; white sand 24; clay 56; clay shale 62; shale 67. Dry hole.
1	on III		13	J. Kusalik	C.& M. Johnston	Jun,10,1963	4	2	17	9	Fresh	N	Sand 12; clay 29; sand 32; clay 46; clay stone 53; clay gravel 68; shale 72; torrock 73. Water from 29 to 32 and at 54.
1	on III		13	•	•	Jun.17,1963	4	2	18	8	•	D,S	Sand 12; clay 27; sand 30; clay 49; fine stone 50; shale 58; clay gravel 67; shale 72; Water from 27 to 30 and at 72.
į	on IV	•	1	Pioneer Feeds	D. Lecuyer	May 18.1962	4	4	50	14		s	Clay 14; sand 16; clay 70; sand gravel 71; gravel 72; black shale 74. Water at 72.
į	on IV		1	<b>.</b>	•	May 24,1962	4						Clay 14; send 15; cl-y 69; send gravel 72; black shale 74. Dry
)	on IV		1		•	May 28,1962	4	2	65	14	Fresh	s	Clay 13; sand 15; clay 69; sand gravel 72; black shale 74. Water at 72.
1	on IV		1	•	•	Jun. 5,1962	4	2	65	14	*	s	Clay 14; sand 17; clay 69; send gravel 72; black shale 75. Water from 72 to 75.
į	on IV		1	Separate S.S.5	O. L'Ecuyer	Dec.22,1962	4	2	50	22		P	Hard red sand 12; soft blue clay 65; hardran 69; sand gravel 70. Water at 70.
1	on IV		1	PioneerHi-bred Corn Co.	R. Pinsonneault	Jun.19,1963	4	1	65	18		N	Sand 18; blue clay 70; sand shale silt 74; shale 80. Water at 75.
	on IV		1	win w.	HadcoWell Digging	Jun.24,1963	4 27½	5	58	9	×	s	Sand 18; blue clay 70; white sand 74; shale 84. Dry hole. Topsoil 1; brown hardpan 9; blue sandy clay 11; blue sand 24;
ų	on IV		1		#	Aug.12,1963	30	5	58	10		s	blue clay 32; blue sand 36; blue clay 60. Water at 11 and 32. Topsoil 1; brown hardpan 9; blue sandy clay 11; blue sand 24;
	on IV		1			Aug.20,1963	30	3	58	12		s	blue clay 32; blue sand 36; blue clay 60. Water at 11 and 32. Topsoil 1; brown hardpan 10; blue sand 24; blue clay 60. Water
	on IV		1	-		Aug.20,1963	30	3	45	12		s	at 12. Topsoil 1; brown hardpan 10; blue sand 24; blue clay 60. Water
	on IV		3	G. Blonde	C.&M. Johnston	Sep. 6,1963	4	2	25	21		D,S	at 12. Topsoil 4; sand clay 54; clay gas 58; clay small stone 61;
	on IV		4	J.L. Blonde	HadcoWell Digging		30	2	32	12		s	gravel 62; blue stale 86. Water at 19, and from 61 to 62. Topsoil 4; and 8; brown clay 9; blue sandy clay 12; blue sand 16;
	on V		8	W. Moir	R.W. Simpson	May 24,1960	4	4	16	12			blue clay 21; blue sand 25; blue clay 34. Water at 12 and 21. Topsoil 2; yellow sand 16; blue clay 66; sand gravel 68; black
	on V		8	C. Missieam	O. L'Ecuyer	May 15,1962	4	8	15	10		D	shale. Water at 66. Red send 10; soft blue clay 54; gravel shale 55. Water from 54
	on V		13	A. Craven	D. C. Simpson	Aug. 10, 1262	4	3	35	17		s	to 55. Red sandy soil 9; blue clay 47; gravelly hardpan 52; loose shale
	on V		24	H. Turner	R.W. Simpson	Jul.10,1960	4	7	12	10		-	gravel 58; block shale 63. Water from 52 to 58. Topsoil 3; yellow sand 8; quicksand 9; blue clay 50; hardpan 60;
	on V		24			Jul.14,1960	4		60	10		N	loose shale 61. Water at 60. Topsoil 3; yellow sand 9; blue clay 50; hardpan 60; black shale
	on VI		1	S.S. # 5	O. L'Ecuyer	Peb. 7,1963	4	23	40	15		P	67. Water at 60. Red sand 10;soft clay 60;hardpan 70;sand gravel 75. Water
	on VI		11	J. Van Raay		Oct.20,1963	4	4	22	13		D.S	from 70 to 75. Hard sand 12;soft clay 62;black shale 65. Water at 65.
	on VI		13	L. Clapp	R.W. Simpson	Aug. 4,1960	4		100				Topsoil 3; yellow sand 8; blue clay 51; hardban 62; black shale. Dry hole.
3	on VI	Ħ	13			Aug. 5,1960	4						Topsoil 3; yellow sand 8; blue clay 51; hardban 63; black shale 64. Dry hole.
	on VI		13		*	Aug. 6,1960	4						Topsoil 3; yellow sand 8; blue clay 50; hardban 62; black shale. Dry hole.
,	on VI		13	•	•	Aug. 8,1960	4						Topscil 3; yellow sand 7; blue clay 52; hardpan 61; black shale.  Dry hole.

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(	Chatham Twp. Con VI	- co	nt. 13	L. Clapp	R.W. Simpson	Aug.10,1960	4						Topsoil 2; yellow send 7; blue clay 50; hardpan 60; black shale.
	Con VI		14	P. Polacek		Feb. 4,1960	4						Dry hole. Yellow sand 7; yellow clay 15; blue clay 53; hardpan 87; black
	Con VI		14		•	Peb.10,1960	4	3	40	16	Fresh	D,S	shale. Dry hole. Topsoil 7; yellow clay 15; blue clay 53; hardpan 78; gravel 79;
	Con VI Con VI		16 18	W. Clark R.C. Shaw	L. Faubert D.C. Simpson	Jul.21,1960 Jul.15,1963	4 4	4	8	6		D,S	black shale. Water at 78. Blue clay 45; sand gravel 47. Water at 45. Topsoll 2; sand 5; grey clay43; hardwan 57; loose shale gravel 60;
	Con VI		18			Jul.16,1963	4						black shale 62. Dry hole. Topsoil 1; red sand 6; grey clay 45; hardpan 59; black shale 60;
	Con VI		18		•	Jul.18,1963	4						Dry hole. Topsoil 1; red sand 5; quicksand 6; grey clay 40; hardpan 59;
	Con VI		18	H	•	Jul.26,1963	4						gravel sand 61; black shale. Dry hole. Topso11 2; red sand 5; quicksand 6; grey clay 39; hardoan 58;
	Con VI	•	18			Jul.27,1963	4						shale 60. Dry hole. Topsoil 1; red sand 5; quicksand 6; clay 42; hardpan 56; black
	Con VI	•	18	•	•	Aug. 2,1963	4						shale. Dry hole. Topsoil 1; red sand 6; grey clay 45; loose shale gravel 47;
	Con VI	*	18	₩	•	Aug.21,1963	4	1	40	15	Fresh	D	hardpan 59; loose shale gravel 61; black shale. Dry hole. Topsoil 1; red sand 5; grey clay 34; hardpan 53; loose shale
	Con VI		21	J. Botting	Mandley Drilling Contr's Ltd.	Jan. 8,1963	5	1	62	22	*	ם	gravel 54; black shale 58. Water at 53. Clay 46; sand gravel 68. Water at 68.
19	Con VI Con VII	×	23 13	D. Stirling J. Forsyth	D.C. Simpson	Jan. 2,1963 Aug. 3,1963	5	2 <u>1</u>	60 37	15 15		D N	Clay 43;gravel 46;sand 61;gravel 64. Water at 64. Topsoil 1;yellow sand 4;grey clay 51;hardban 58;loose shale
2	Con VII		13			Aug. 6,1963	4	5	21	15		S	gravel 59; black shale 60. Water at 59. Topsoil 1; yellow sand 6; grey clay 54; hardpan 55; loose shale
	Con VII		14	V. Stuart	D. Lecuyer	Apr.22,1962	4						gravel 57; black shale 50%. Water at 55. Clay 16; sand 17; clay 52; gravel sand 59; black shale 62. Dry hole.
	Con VII		14	•	•	Apr.25,1962	4	2	50	10	Fresh	D	Clay 15; sand 17; clay 52; gravel sand 59; gravel 60; black shale 61. Water at 60.
	Con VII	Ħ	18	Lindsay Road Church	R.W. Simpson	Jul.20,1960	4						Topsoil 2; yellow sand 8; blue clay 35; hardpen 53; black shale
	Con VII		18		*	Jul.23,1960	4	3	18	10	Fresh	D	58. Dry hole. Topsoil 2; yellow sand 8; blue clay 35; hardpan 43; gravel 45; hardpan 47. Water from 43 to 45.
	Con VII	٠	18	R. Pishl	H. McDonald	Aug.16,1961	4						Topsoil 2; brown clay 15; quicksand 16; blue clay 48; gravel sand 59; black shale 63. Dry hole.
	Con VII		18	•		Aug.18,1961	4	2	45	12	Sulphur	D	Topsoil 2; brown clay 12; quicksand 14; blue clay 45; gravel sand 57; black shale 59. Water at 57.
	Con VII Con VII		22	D.J. McGorman	D. Lecuyer D. Wade	Apr.16,1962 Sep.21,1963	4	2½ 4	40 40	12	Fresh	D,S	Clay 38; sand gravel 50; black sandy shale 52. Water at 52. Sand 8; blue clay 31; herdpen 57; black shale 59. Water at 57.
	On VIII	*	14	V. Stuert	D.C. Simpson	Aug.17,1962	4	4	28	20 16	*	S	Sandy loam 4; clay 8; blue clay 50; gravel 54; black shale. Water at 50.
	Con VIII Con VIII Con VIII Con VIII Con IX Con IX		15 15 15 15 7	Kent Farm Ltd.	R.W. Simpson	Feb. 9,1962 Feb.12,1962 Feb.14,1962 Feb.16,1962 Oct.1, 1962 Oct. 4,1962	444444444444444444444444444444444444444	5	16	12	Fresh	D,S	Topsoil 2; yellow clay 7; blue clay 54; black shale 56. Dry hole. Topsoil 2; yellow clay 6; blue clay 52; black shale. Dry hole. Topsoil 2; yellow clay 5; blue clay 50; black shale. Dry hole. Topsoil 2; yellow clay 5; blue clay 50; black shale. Dry hole. Topsoil 2; yellow clay 6; blue clay 49; black shale 51. Dry hole. Topsoil 2; yellow clay 6; blue clay 49; black shale 51. Water at 49.
9	Con IX Con IX Con IX	:	10 10 10	E. Davis	D.C. Simpson	Apr.10,1963 Apr.11,1963 Apr.11,1963	4 4 4				ř.		Topsoil 2;red cloy 5;grey clay 44;black shale 47. Dry hole. Topsoil 2;red clay 4;grey clay 43;black shale 44. Dry hole. Topsoil 2;red clay 5;grey clay 442;black shale 53. Dry hole.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	LEVEL.	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)	
ENT COUNTY - Chatham Twp.	- 00	nt.										
Con IX	10		E. Davis	D.C. Simpson	Apr.12,1963	4		1				Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX		10			Apr.15,1963	4			1 1			Topsoil 3; red clay 6; grey clay 43; black shale. Dry hole.
Con IX		10			Apr.17,1963	4						Topsoil 2; red clay 5; grey clay 45; black shale. Dry hole.
Con IX		10		T	Apr.17,1963	4						Topsoil 2; red clay 4; grey clay 43; black shale. Dry hole.
Con IX		10		1 .2	Apr.18,1963	4						Topsoil 2; red clay 5; grey clay 442; black shale. Dry hole.
Con IX		10	1 2	1 =	Apr.18,1963	4						Topsoil 2; red clay 4; grey clay 44; black shale. Dry hole.
Con IX Con IX		10		1 2	Apr.19,1963	4						Topsoil 2; red clay 4; grey clay 44; black shale. Dry hole.
Con IX		10			Apr.19,1963	4						Topsoil 2; red clay 4; grey clay 452; black shale. Dry hole.
					Apr.20,1963	4						Topsoil 2; red clay 4; grey clay 45; black shale 54; limestone soapstone 63. Dry hole.
Con IX		10			Apr.20,1963	4			2000	980 0		Topsoil 3; red clay 6; grey clay 43; black shale. Dry hole.
Con IX	-	14	C. Pray	1 - 5	Sep.15,1962	4	3 31	28	12	Fresh	N	Topsoil 5; blue clay 52; gravel 55; shale. Water from 52 to 55
Con IX		14		•	Sep.18,1962	4	3 ₺	28	12	Fresh	D,S	Topsoil 5; blue clay 51; gravel 56; black shale. Water from 51 to 56.
Con IX	77	15	O. Gervais	R.W. Simpson	Feb.21,1962	4						Topsoil 2; yellow clay 8; blue clay 51; black shale 55. Dry ho
Con IX	10	15		D. Lecuyer	Mar. 28, 1962	4	i					Clay 16; sand 20; clay 50; sand gravel 53; black shale 56. Dry
												hole.
Con IX		15			Apr. 2,1962	4	2호	20	10	Fresh	D	Clay 15; sand 18; clay 52; gravel 53; black shale 55. Water fro
												52 to 53.
Con IX		15	D.J. McGorman		Apr. 4,1962	4		190700				Clay 53; gravel sand 61; black shale 64. Dry hole.
Con IX	7	15	- Allertanon		Apr.13,1962	4	4	12	9	Fresh	D	Clay 50; sand gravel 53; black shale 54. Water at 53.
Con IX	- 3	18	G. Robinson	R.W. Simpson	Sep.29,1961	4						Topsoil 2; yellow clay 8; blue clay 40; hardpan 53. Dry hole.
Con IX		18	1 2	1 5	Oct. 1,1961	4						Topsoil 2; yellow clay 8; blue clay 40; hardpan 57. Dry hole.
Con IX	100	18		_	Oct. 6,1961	4						Topsoil 2; yellow clay 7; blue clay 32; hardoan 57; black shale
Con IX		18			0-1-10-1061	4	ĺ					Dry hole.
con 1x		10			Oct.10,1961	4	l				1	Topsoil 4; yellow clay 8; blue clay 42; muddy sand 50; hardpan
Con IX		19	Separate S.S.		Jan.13,1961	)ı						black shale. Dry hole. Topsoil 2; yellow clay 6; blue clay 40; black shale 42. Dry ho
On IX		19	m		Jan.14,1961	4					1	Topsoil 2; yellow clay 6; blue clay 43; black shale 47. Dry ho
Con IX		19			Jan.14,1961	4					1	Topsoil 4; yellow clay 9; blue clay 45; black shale 48. Dry ho
Con IX	19	19	*		Jan.17,1961	4						Topsoil 3; yellow clay 9; blue clay 42; black shale. Dry hole.
On IX	10	19	**		Jan.20,1961	4		1				Topsoil 3; yellow clay 7; blue clay 45; black shale. Dry hole.
Con IX	10	19			Jan.22,1961	4						Topsoil 4; yellow clay 9; blue clay 52; hardpan 57. Dry hole.
Con IX	**	19			Feb. 4,1961	4	1 2		14		N	Topsoil 2; yellow clay 7; blue clay 35; hardpan 47; fine sand 4
Con IX		19			Feb. 8,1961	4						Topsoil 2; yellow clay 7; blue clay 35; hardpan 53. Dry hole.
Con IX	**	19		-	Feb.10,1961	4	13		14	Fresh	N	Topsoil 2; yellow clay 7; blue clay 40; hardban 47; fine sand 4
									25.8		1,550	Water at 47.
Con IX		19	7		Feb.14,1961	4						Topsoil 3; yellow clay 8; blue clay 40; hardpan 59. Dry hole.
Con IX		19	S.S. # 8	100	Dec. 1,1961	4		1				Topsoil 2; yellow clay 7; blue clay 30; hardpan 40; fine sand 4
								1			t	hardpan 51; black shale 55. Dry hole.
Con IX		19			Dec. 5,1961	4	3	28	12	Fresh	P	Yellow clay 7; blue clay 29; hardpan 39; sand 40; hardpan 52.
												Water at 41.
Con IX		20			Nov.25,1961	4			1			Yellow clay 5; blue clay 31; fine sand clay 52; black shale 58
		14.4		_				1				Dry hole.
Con IX		21	W. Higgs	-	Aug.22,1961	4		1	1			Topsoil 2; yellow clay 8; blue clay 39; hardpan 44; sand 45;
n TV	_	04		_	and the sector							hardnen 52; black shale 54. Dry hole.
Con IX		21			Aug.24,1961	4						Topsoil 2; yellow clay 8; blue clay 39; hardpan 52; black shale
O TV	-	-	H		1	*						Dry hole.
Con IX		21			Aug.29,1961	4						Topsoil 2; yellow clay 8; blue clay 39; hardpan 51; black shale
C TV	*	21			0 6 1664	li.						55. Dry hole.
Con IX	-	21			Sep. 5,1961	4						Topsoil 2; yellow clay 7; blue clay 37; hardpan 47; black shale
			1			1	1	l.			1	53. Dry hole.

B	ENT COUNTY -												
	Chatham Twp.	lot	21	W. Higgs	R.W. Simpson	Sep. 7,1961	4						Topsoil 2; yellow clay 8; blue clay 38; hardpan 48; black shale
	On IX	*	21			Sep.11,1961	4						53. Dry hole. Topsoil 2; yellow clay 8; blue clay 38; hardpan 47; black shale
	Con IX		21		•	Sep.12,1961	4						51. Dry hole. Topsoil 2; yellow clay 9; blue clay 35; hardpan 53; black shale
	Con IX	*	21			Sep.18,1961	4						57. Dry hole. Topsoil 1; yellow clay 9; blue clay 31; hardpan 52; black shale.
	∞n IX		21	*	*	Sep.20,1961	4	3	28	15	Fresh	D,S	Dry hole. Topsoil 2; yellow clay 8; blue clay 41; coarse gravel 42; hardpan
	Con X	*	1	K. Vadovic	D. Wade	Jun.24,1961	4				1		43. Water at 41. Clay 3; sand 8; grey clay 41; sand 42; black shale 50; grey shale
	Con X Con X		1	:		Jun.27,1961 Jun.29,1961	4						52. Dry hole. Clay 3;sand 8;grey clay 41;sand 41½;black shale 70. Dry hole. Dark clay 3;sand 8;grey clay 41;muck 41½;black shale 51;grey shale 57. Dry hole.
	Con X	**	1		*	Jul. 3,1961	4						Dark clay 3; sand 8; grey clay 37; black shale 50; grey shale 55.  Bry hole.
	Con X		1		O. L'Ecuyer	Jul.11,1961	4	4	8	7	Fresh	D	Red sand clay 8; blue clay 40; har ben 43; loose shale grevel 44. Water from 43 to 44.
	Con X	**	16	H. Jones	R.W. Simpson	Oct.19,1961	4						Topsoil 3; yellow clay 7; blue clay 54; loose shale 61; black shale 63. Dry hole.
	Con X	n	16	•	,	Oct.22,1961	4						Topsoil 3; yellow clay 7; blue clay 53; loose black shale 58.  Dry hole.
u	Con X		16	*	*	Oct.24,1961	4	11/2	59	15	Fresh	ם	Topsoil 3; yellow clay 6; blue clay 52; hardpan sand 59. Water at 59.
181	Con X	**	16	E. Chandler	D.C. Simpson	Aug.27,1963	4						Topsoil 1; sand 5; grey clav 48; shaly hardpan 51; layers gravel hardpan 56; gravelly hardpan 85; black shale 87. Dry hole.
	Con X	**	16		*	Sep. 2,1963	4	4	30	16	Fresh	D,S	Topsoil 1; red sand 4; grey clay 52; shaly hardpan 56; gravel 57%; hardpan 59. Water at 56.
	Con X Con X	**	17 18	D. Solomon O. Patterson	H. McDonald	Dec.18,1963 May 6,1961	4	3	28	25	39	D	Topsoil 1; red sand 6; clay 49; gravel 53. Water at 49. Topsoil 2; brown clay 6; quicksand 13; brown clay 18; blue clay
	Con X	60	18		*	May 9, 1961	4						48;gravel 50;black shale 70. Dry hole. Topcoil 2;brown clay 8;quicksand 13;brown clay 19;blue clay
	Con X	*	18	19	,,	May 12,1961	4						49; gravel 52; black shale 87. Dry hole. Topsoil 2; brown clay 8; quicksand 12; brown clay 15; blue clay
	Con X	W	18	*	98	May 15,1961	4						51; gravel 65; black shale 95. Dry hole. Topsoil 2; brown clay 8; oricksand 14; brown clay 20; blue clay
	čon X		18	S. Myers	**	May 22,1961	4						47; gravel 51; black shale 60. Dry hole.  Topsoil 2; brown clay 8; quicksand 12; brown clay 15; blue clay 45; gravel 52; black shale 60. Dry hole.
	Con X		18 18	H. Lemers	D.C. Simpson	Dec. 5,1963 Dec. 7,1963	4 4	3	21	18	Fresh	D	Topsoil 2; red sand 8; clay 50; hardban 65; black shale. Dry hole. Topsoil 2; red sand 6; clay 12; nuicksand 13; blue clay 43\frac{1}{2}; sand
	Con X		18	J. Meyers	*	Dec.13,1963	4	21/2	24	16		D,S	gravel 44; hardpan 49. Water at 43½. Topsoil 2; red sand 6; clay 41½; gravel 42; hardpan 44½. Water at
	Con X		20	W.G. Lucas	H. McDonald	Mar.20,1961	4	-					412. Topsoil 2; brown clay 10; ouicksand 14; brown clay 20; blue clay
	Con X	*	20	Dresden	D.C. Simpson	Sep.28,1962	4						50; gravel 53; black shale 83. Dry hole. Topsoil sandy loam 2; red sand 9; quicksand 11; blue clay 45;
	Con X	**	20	Produce	7	Sep.29,1962	4	31/2	35	11	Fresh	In	hardpan 56. Dry hole. Loamy topsoil 4; red clay 8; ouicksand 10; blue clay 43; hardpan
	Con XI		16	O. McCathern	R.W. Simpson	Dec.27,1960	3	3	25	16	*		54; gravel 56; black shale 62. Water at 54. Topsoil 4; yellow clay 12; blue clay 54; shaly gravel 56; black
	Con XI		16	J. Squires Jr.		Aug.24,1963	4	6	46	43	*	D,S	shale.58. Water at 54. Topsoil 1; red sand 4; grey clay 51; gravelly hardban 55; gravel 59; hardban 66. Water at 55.
						I	1		I			1	Section 2010 12100 21 554

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T.FUFT.	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ENT COUNTY - co	nt.cont	16 16 16 16 16 16 16 16 16 16 16 11 12 12	OWNER  M. McCorkle  H. McCorkle  F. Kys  G. Tiffin	DRILLER R.W. Simpson		DIA-	ING	ING	T.FUFT.			(Depths to which formations extend
Con XII Con XII		13	H. Irwin	R.W. Simpson	Apr.21,1960 Oct.24,1960 Oct.25,1960	4 4	1 ½	70 18	21 14	Fresh Fresh	D,S	Sand 12; grey clay 55; hardman 73; grey shale 81; black shale 84. Water at 74. Topsoil 3; yellow clay 10; blue clay 55; black shale. Dry hole. Topsoil 3; yellow clay 10; blue clay 54; black shale 55. Water
Con XII Con XII Con XII Con XII Con XII Con XIII Con XIII	*	16 16 16 16 16 7	H. Jackson H. McCorkle  H. Bozo H. Daly	D. Lecuyer R.W. Simpson	Aug. 18, 1961 Aug. 2, 1962 Aug. 4, 1962 Aug. 6, 1962 Aug. 7, 1962 May 13, 1962 Peb. 24, 1962	4 4 4 4 4 4	2	50	16	*		at 54. Topsoil 4; blue clay 54; black shale 56. Water at 54. Topsoil 2; blue clay 50; soft black shale. Dry hole. Topsoil 2; blue clay 50; black shale. Dry hole. Topsoil 2; blue clay 50; black shale 73. Dry hole. Topsoil 2; blue clay 50; black shale 65. Dry hole. Clay 18; sand 19; clay 67; gravel clay 68; black greenish shale 78. Dry hole. Topsoil 2; yellow sand 7; blue clay 51; black shale 55. Dry hole
Con XIV		2	L. Brown	D.C. Simpson	May 16,1963	4	8	21 30	14	Fresh	N	Clay loam 2; red clay 4; sand 6; sand clay 62; sand gravel 64; black shale 70. Water at 62. Topsoil 4; sand 8; grey clay 60; dark grey clay 62; sand gravel
Con XIV			J. Burm	V. Conlon	Jan.14,1961	2		,,,	-5			63. Water at 62. Topsoil 2; yellow sand 7; quicksand 41; blue clay 63; silty black
Con XIV		4		•	Mar. 9,1961	2						grey sand 87; black shale 94. Dry hole. Topsoil 2; yellow sand 7; quicksand 11; blue clay 63; silty black
Con XIV		6	J. Ewing	H. McDonald	Oct.22,1960 Oct.25,1960	4						grey sand 87;black shele 96. Dry hole. Topsoil 2;brown clay 23;blue clay 58;black shale 61. Dry hol Topsoil 2;brown clay 20;blue clay 60;brown hardpan 65;blue
Con XV	•	1	S. VanLanduyt	D.C. Simpson	Aug. 3,1962	4	5	28	28	Fresh	D,S	scaptone 73. Dry hole. Topsoil clay loam 4; yellow clay 7; blue clay 61; gravel 66; black shale 71. Water at 61.

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	Con XV	•	4	•	•	Now.10,1961	2						shale 85. Dry hole. Topsoil 2; yellow sand 8; quicksand 10; grey sand clay 16; clay 62; fine grey sand 70; fine gravel sand 72; fine grey sand dark sand 82. Dry hole.
	Con XV		L			Jul. 4.1962	4	3	60	12	Presh	D	Sand 10; grey clay 64; hardman 67; black shale 80; Water at 67.
	Con XV	**	9	H. Smith	D. Wade	Oct.25,1960	4	3 7 7	60 28 17	13	**	D.S	Yellow clay 10; grey clay 68; sand 69; blue shale 89. Water at 72.
	Con XVI		6	R. Crowe	•	Nov.26,1962	4	7	17	14	*	Ď	Yellow clay 6; grey clay 68; sand gravel 70; black shale 90.
													Water at 73.
	Con XVI		8	R. Leeson		Jul. 7,1962	4	10	25	17	Fresh	D	Sand 7; grey clay 64; hardpan 68; gravel 71. Water at 71.
	Con XVII		4	E. & L. Buron	H. McDonald	Apr.24,1963	4	106		91000	1000	NOV	Topsoil 2; brown clay 20; blue clay 722; black shale 73. Dry hole.
	Con XVII		5	W. Manz		Oct.25,1961	4	5	28	22		N	Topsoil 2; brown clay 15; blue clay 70; gravel 71; brown rock 72.
			154					4					Water at 70.
	Con XVII		5	•	-	Nov. 1,1961	4	5	30	20	-	D,S	Topsoil 2; brown clay 16; blue clay 70; gravel 71; black shale
	O 10177	-	5		100	Tues 0 1060	T.	4	28	12			74. Water at 70.
	Con XVII	-	5			Jun. 8,1962	4	4	20	12		N	Topsoil 2; brown clay 22; blue clay 70; gravel 72; black shale 100. Water at 30.
	Con XVII		5	•		Jun.12,1962	4						Topsoil 2; brown clay 20; blue clay 73; gravel 75; black shale
183	wii Avii		,			oun,10,170L	-						80. Dry hole.
డ	Con XVII		5		*	Jun.15,1962	4	4	24	12	Fresh	D.S	Topsoil 2; brown clay 20; blue clay 72; gravel 74; black shale
			_									-,-	76. Water at 72.
	Con XVII		5	E.4 L. Burm	**	Apr.28,1963	4	5	30	16		D.S	Topsoil 2; brown clay 20; blue clay 74; gravel 77; black shale
			-					-					78. Water at 74.
	Con XIX		1	Ont. Dept. of		Nov.22,1960	4	10	25	14	*	P	Sand 4; black muck 6; brown clay 21; blue clay 84; gravel sand
				Public Works		and the same of th							86; brown rock 88. Water at 84.
	Gore Con I	10	12	M. Sullivan		May 28,1962	4						Topsoil 2;brown clay 8;quicksand 11;brown clay 26;blue clay
	4. 4.4	-		_	_							_	82; sand 88; black shale 92. Bry hole.
	Gore Con I	-	12			May 30,1962	4	6	16	12	Fresh	P	Topsoil 2; brown clay 9; ouicksand 11; brown clay 25; blue clay
	Gore Con I	**	20	W. Smith	D. Wade	4 22 1062	1.	3	13	13		_ n	80; sand 82; gravel 84; black shale 85. Water at 82.
	Gore Con I	**	27	J.D. Park	H. McDoneld	Apr.22,1963 Sep.26,1962	1,	2	1)	1)	-	D	Sand 10; grey clay 69; sand hardpan 70; Water at 70. Topsoil 2; brown clay 16; blue clay 58; black shale 63. Dry hole.
	Gore Con I		27	J.U. Park	n. acconsid	Sep.28,1962	1,						Topsoil 2; brown clay 14; blue clay 57; gravel 58; black shale
	dore on 1		21			36p.20,1902	-						75. Dry hole.
	Gore Con I		27			Oc+. 1.1962	4						Topsoil 2; brown clay 15; blue clay 58; black shale 70. Dry hole.
	Gore Con I		27			Oct 4, 1962	4	7	28	18	Fresh	D,S	Topsoil 2; brown clay 15; blue clay 54; gravel 55; black shale
													56. Water at 54.
	Gore Con I		28	W. Peters	•	Sep.20,1962	4		ii .				Topsoil 2; brown clay 15; blue clay 58; gravel 59; black shale
													75. Dry hole.
	Gore Con I	1	28			Sep.22,1962	4						Topsoil 2; brown clay 15; blue clay 57; gravel 58; black shale 60.

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Fresh

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Yellow clay 12; grey clay 67; hardpan 70; black shale 85. Dry

Yellow clay 12; grey clay 66; hordoon 73; black shale 92. Dry

Clay 3; sand 7; grey clay 66; hardoan 70; black shale 88. Water

Topsoil 2; yellow sand 8; quicksand 10; grey sand clay 16; clay 62; fine grey sand 72; fine sand clay 90; fine dark sand 84;

Topsoil 2; brown clay 16; blue clay 56; gravel 57; black shale 60. Water at 56.

Topsoil 2; brown clay 8; cuicksand 9; blue clay 105; gravel 107;

Sand 6; quicksand 10; clay 103; fine cand gravel 105. Water at

Sand 15; grey clay 54; hardpan 60. Water at 60.

Topsoil 2; blue clay 93; sand gravel 94. Water at 93.

hole.

at 74.

Dry hole.

104.

brown rock 108. Dry hole.

KENT COUNTY - cont. Chatham Twp. - cont.

lot 2

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E. Rolens

Con XV

Con XV

Con XV

Con XV

Gore Con I

Gore Con I

Gore Con II

Gore Con II

Gore Con II

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**28** 

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H. George

" 11 R. Falconer

" 11 W. Carron

A. Dubuque

D. Wade

D. Wade

H. McDonald

V. Conlon

J. Watson Sr. V. Conlon

May 24,1962

May 26,1962

May 29,1962

Nov. 6,1961

Sep.25,1962

Dec.11,1963

Nov. 3,1961

Jul. 7,1962

Sep.25,1963

50 14

24

17 12

25 17

24

Fresh

Fresh

D

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<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	TEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)	
Chathar Gore	Con II	lot	11	D. Herbert	V. Conlon	Sep.26,1963	3	5	22	17	Fresh	D	Sand 6; quicksand 10; clay 107; fine sand gravel 110. Water at
				W. DeHencs	H. McDonald	May 28,1960	4						Topsoil 2; quicksand 7; brown clay 15; blue clay 70; sand 72;
Gore	Con II	W.	15		*	Jun. 3,1960	4	8	14	12	Fresh	D	brown rock 73. Dry hole. Topsoil 2;quicksand 8;brown clay 15;blue clay 72;gravel 74.
Gore	Con II	**	15	L.W. Babcock	*	May 4, 1961	4	5	25	13	m	D	Water at 72. Topsoil 2;quicksand 8;brown clay 20;blue clay 72;gravel sand
Gore	Con II	**	16	P. GeldHolf	*	Jun.24,1960	4	6	22	18	*	D	74;brown hrdoan 75. Water at 72. Torsoil 2;brown clay 12;blue clay 73;gravel 742;black shale 76. Water at 73.
Gore	Con II	**	16	G. Morrow	D. Wade	Mar.17,1961	3						Dark clay 2; sand 8; grey clay 67; sand 70; black shale 93; gas
Gore	Con II	m	16	Ont.Dept of	H. McDonald	Oct. 9,1961	5	1	75	27	Fresh	N	75. Dry hole. Topsoil 2; brown clay 8; quicksand 10; blue clay 77; gravel 772; brown rock 80. Water at 77.
Gore	On II		16	Highways W. Holmes	D. Wade	Oct.12,1961	3 <del>1</del>	6	35	27		N	Yellow clay 12; grey clay 73; h rdpan 76; black shale 87. Water lat 76.
Gore	On II		16	Ont.Dept. of	H. McDonald	Oct.13,1961	5	8	26	15	*	P	Topsoil 2; brown clay 6; quicksand 8; blue clay 73; gravel 74; black shale 75. Water at 74.
	Con II Con II	n		Highways W. Holmes J. Smith	D. Wade V. Conlon	Oct.14,1961 Jul. 1,1962	3½ 3	6	35	27	н	D	Clay 12; blue clay 73; gravel 74; black shale 75. Water at 75. Topsoil 2; yellow sand 10; blue clay 72; fine black sand 79. Dry
Gore	Con II		16	*		Jul. 4,1962	3	3	36	26½	Fresh	D	hole. Tonsoil 2;yellow sand 10;blue clay 72;fine sand 74;medium
Gore	Con II		17	S. Pierce	H. McDonald	Sep.23,1963	4	4	45	20		D,S	gravel 75. Water at 74. Topsoil 2; brown clay 20; blue clay 75; gravel 76; black shale 78.
Gore	Con II	**	21	R. Moninger	•	Sep.14,1960	4	6	20	17	*	ם	Water at 76. Topsoil 2;brown clay 12;blue clay 68;gravel 702;brown rock
Gore	Con II		23	W. Perry	*	May 11,1963	4	5	14	8		D	71: Water at 68. Topsoil 2;brown clay 20;blue clay 63;gravel 66;black shale
Gore	Con II	*	24	C. Lindsy	D. Wade	Aug.27,1960	4						68. Water at 63. Sand 12;blue clay 61;hardban 62;black shale 87;grey shale 90. Dry hole.
Gore	Con II	M	24			Aug.30,1960	4						Sand 12; blue clay 60; hardnan 63; black shale 85; grey shale 90.  Dry hole.
	Con II	11	24	*	*	Sep. 2,1960	4	3	78	14	Salty	N	Sand 12; blue clay 60; hardon 62; black shale 78. Water at 78. Sand 12; blue clay 61; hardon 62; black shale 84. Dry hole.
	Con II		24 24			Sep. 6,1960 Sep. 8,1960	Li.	2	80	26	Salty	N	Sand 12; grey clay 60; sand 62; black shale 80. Water at 75.
	Con II					Sep.10.1960	4	_			Jaroj	14	Sand 12; grey shale 65; black shale 80; grey shale 85. Dry hole.
	Con II	100				Sep.13,1960	4						Clay 3; sand 15; b'ue clay 59; sand 60; black shale 85. Dry hole,
	Con II	99	24			Sep.14,1960	4	5	27	11	Fresh	D.In	
	Con II	•		E. Benoit	H. McDonald	Mar.27,1962	4	ź	50	12	**	Ď	Topsoil 2; brown clay 18; blue clay 56; gravel 58; black shale 60. Water at 56.
Gore	Con II		27	F. Chapple	**	Sep.10,1962	4	10	12	8		D	Topscil 2; brown clay 12; blue clay 50; gravel 52; black shale 55. Water at 50.
Gore	Con II	*	27	D. Cooper	n	Sep.10,1963	4	5	35	27		ם	Topsoil 2; brown clay 12; blue clay 56; grovel 57; black shale 60. Water at 57.
Gore	Con II	m	27	S. Austin	**	Sep.30,1963	4						Topsoil 2; brown clay 14; outcksand 15; blue clay 58; black shale 65. Dry hole.
Gore	Con II	*	27	•	*	Oct. 1,1963	4						Topsoil 2; brown clay 14; outcksond 15; blue clay 59; tlack shale 64. Dry hole.
Gore	Con II	*	27		w	Oct. 2,1963	4	2	62	24	Fresh	D	Topsoil 2; brown clay 12; quicksand 14; blue clay 58; black shale 67. Water at 62.
Gore	Con II	**	28	L. Lapointe	D. Wade	Apr.22,1960	4	3	60	21	**	D	Sand 6; grey clay 55; hardpan 70. Water at 70.

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							1 .					-		coarse gravel 106. Water from 103 to 106.
	Gore	Con III	88	4	T. Scholten	D. Wade	Sep.27,1963	4	3	27	14	**	S	Yellow clay 8; grey clay 102; hardnan 104; black shale 109.
									-					Water at 109.
		Con III		10	J. Bell-isle		Apr.18,1963	3.	2	22	22		D	Yellow clay 10; grey clay 93; sand 95; black shale 100. Water
	GOLE	con 111		15	9. Dell-1816		Apr. 10, 190)	-	)	22	22		D	
					1									at 100.
	Gore	Con III	64	16	R. McGregor	H. McDonald	Oct. 3,1962	81						Topsoil 2; brown clay 21; blue clay 82; gravel 85; black shale
											1		Į.	105. Dry hole.
	Core	Con III	99	16	W.		Oct. 6,1962	81					1	Topsoil 2; brown clay 20; blue clay 80; gr-vel 85; black shale
	9016	Wii III		10	1		000. 0,1902	0.2			1			
			- 4			_					1			105. Dry hole.
	Gore	Con III	98	16			Apr.22,1963	4						Topsoil 2; brown clay 22; blue clay 83; gravel 85; black shale
H														145; brown clay 148. Dry hole.
10	Core	Con III	10	16	W.W. McGregor		Jun. 3,1963	4		1				Topsoil 2; brown clay 18; blue clay 83; black shale 85. Dry hole,
0.		Con III		16	# # # Hoologos		Nov. 2,1963	ĥ					l.	Topsoil 2; brown clay 22; blue clay 84; black shale 90. Dry hole.
					_			7	- 1	~ -	_		_	
	Gore	Con III		16			Nov.26,1963	4	5	35	8	Fresh	D	Topsoil 2; brown clay 24; blue clay 82; gravel 83; black shale 85.
														Water at 82.
	Gore	Con III	99	18	O. McCreary		May 21,1963	4	5	14	12	10	D	Topsoil 2:brown clay 22;blue clay 70;gravel 72;black shale 74.
	7.55			-					-				1	Water at 70.
	0	Con III	66	24	C. Lengstaff	D. Wade	D 5 1061	4	-	25	16		D 0	Sand 8; grey clay 65; sand 66; black shale 82. Water at 66.
	Gore	con 111		24	C. Deligacari	D. wade	Dec. 5,1961	-4	1	25	10		D, 5	Sand offrey clay of sand octorack shale of water at co.
	Gore	Con III	69	24	***		Nov.20,1963	4	14	27	15		D	Sand 10; grey clay 44; blue clay 64; sand gravel 66; black shale
											-			74. Water at 68.
	Core	Con III	10	26	S.S. 13.Keith		Apr. 2,1963	4						Dark clay 3; quicksand 8; grey clay 60; hardpan 63; black shale
	9016	0011 111		20	J.J. I).Melon	l .	HP1 . 2,170)	7						
			2.			_		- 2						80. Dry hole.
	Gore	Con III	99	26	"		Apr.10,1963	4	1	77	13	Fresh	N	Dark clay 3;quicksand 8;grey clay 61;hardban 63;black shale
														77. Water at 63.
	Gore	Con III	60	26			Apr.11,1963	4	3	24	12	**	P	Dark soil 2; quicksand 7; grey clay 60; hardban 63; black shale
													-	2/

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black shale 65. Dry hole.

63. Water from 49 to 51.

86:grey shale. Water at 68.

gravel 132. Water at 132.

gravel 83. Water from 81 to 83.

sand 74: fine sand gravel 75. Water at 75.

sand 149. Dry hole.

111.

shale 55. Dry hole.

Topsoil 2: yellow clay 8: blue clay 56: black shale 57. Water at

Topsoil 2; brown clay 22; blue clay 50; silty gravel sand 50%;

Topsoil 2; brown clay 22; blue clay 50; gritty clay 50; black

Topsoil 2; brown clay 22; blue clay 50; silty gritty clay 50%; black shale 66:black gravel white stones 68:black shale 72.

Topsoil 2; brown clay 22; blue clay 49; gravel 51; black shale

Sandy topsoil 3; quicksand 12; blue clay 130; fine grey black

Sand 8:grey clay 106; sand muck 111; black shale 120. Water at

Topsoil 2; blue clay 100; gravel fine sand 101. Water at 100.

Yellow clay 6:grey clay 75; hardpan 78; black shale 82. Water

Topsoil 3:hard yellow arey clay 12:soft blue clay 72;fine

Topsoil 2:hard blue clay 12:soft blue clay 81; fine sand

D,S Sandy topsoil 3; quicksand 12; blue clay 130; fine sand fine

Topsoil 8; blue clay 52; black shale . Water at 52.

Topsoil 7; blue clay 49; black shale 50. Water at 49.

D.S Topsoil 3; hard dark clay 12; soft blue clay 103; fine sand

KENT COUNTY - cont. Chothem Twp. - cont. Gore Con II

Gore Con IV

lot 28

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A. Davis

" 12 G. Rosseel

Romol Corp-

E. Vandermelon

M. Van Coille

" 10 R. VanSpybrook D. Wade

oration

Gore Con III " 3 G. Moode

S. Crossman

D. McFadden

R.W. Simpson

H. McDonald

V. Conlon

V. Conlon

D. Wade

V. Conlon

V. Conlon

Aug. 20, 1961

Nov. 1,1960

Nov. 3,1960

Oct.27,1962

Oct.29.1962

Dec. 1,1962

Dec. 5,1962

Mar.27.1961

May 4, 1961

May 19,1961

Sep.30,1963

May 7, 1963 May 4, 1960

Aug. 28, 1963

Oct. 5,1961

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

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LOCAT	LOCATION 1			OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - Chatham Twp. Gore Con IV Gore Con IV Gore Con IV	- 00	nt. t 13 13		Meloche	D. Wade	Sep. 4,1963 Sep. 6,1963 May 17,1960	4 4 3	1 <del>1</del>	28	16	Fresh	D,S	Yellow clay 8; blue clay 66; hardpan 72; grey shale 85. Dry hole, Yellow clay 6; blue clay 64; hardpan 86; grey shale 100. Dry hole, Yellow clay 10; grey clay 68; sand 70; black shale 81. Water at
Gore Con IV	n	15				Mar.26,1962	7	1	80	21	**	D,S	Yellow clay 12; grey clay 66; hardpan 69; black shale 84. Water
Gore Con IV	H	15	E.	Ritchie		Sep. 5,1962	4						lat 69, Yellow clay 8;grey clay 83;hordpan 100;grey shale 112;black shale 120; Dry hole.
Gore Con IV	**	15		*	*	Sep. 7,1962	4	2	26	18	Salty	D	Yellow clay 10; grey clay 84; hardpan 100; black shale 108.
Gore Con IV	•	17	E.	Churcher	*	Jul.17,1961	3	1		12	Fresh	N	Water at 103. Yellow clay 8; blue clay 55; hardpan 57; black shale 94. Water at 65.
Gore Con IV		17				Jul.20,1961	3						Yellow clay 5; blue clay 54; hardpan 56; black shale 72. Dry
Gore Con IV Gore Con IV	*	17 24	J.	m McGee	H. McDonald	Jul.24,1961 Aug.27,1960	3 4	1 5	24 30	14 13	Fresh	D,S	hole. Clay 8; blue clay 54; sand 56; black shale 60. Water at 56. Topsoil 2; brown clay 12; blue clay 67; grovel 68; black shale 69. Water at 67.
Gore Con IV	**	24				Nov. 2,1960	4	7	9	7		D,S	Topsoil 2; brown clay 15; blue clay 61; gravel 63; brown rock 64. Water at 61.
Gore Con IV	n	27	н.	Johnston	Ħ	Oct. 9,1963	4	2	50	12	*	D,S	Topsoil 2; brown clay 12; quicksand 14; blue clay 60; gravel 61; black shale 65. Water at 64.
Ohatham City			w.	Jones	H. English	Jun.20,1961	4	ž	60	28	Fresh	D	Yellow sand 5; soft blue clay sand 25; sand 29; blue clay sand 50; coarse black sand 51; hardoon gas 52; sand 59; hardoan 64; black rock 84. Water at 64.
Dover Twp. B.F.	lo	t 1	Α.	Aarssen	V. Conlon	Sep. 9,1963	3	5	22	16	Fresh	D,S	Topsoil 4;quicksand 9;clay 86;fine sand gravel 88. Water at
B.F.		1	M.	Eversert	D. Wade	Dec.31,1963	4	5	13	13		D	88. Sand 12; grey clay 93; hardoen gas 95; black shale 98. Water at
B.F. B.F. B.F.	**	2 2 2		Toth Cogghe	V. Conlon	Feb.15,1961 May 30,1961 May 26,1963	4 4 2	4	22	13 12	Fresh	N D,S	95. Clay 4; sand 7; grey clay 81; gravel 82; black shale 90. Dry hole. Sand 7; grev clay 78; gravel 80; black shale 83. Water at 80. Topsoil 2; sand 8; blue clay 87; hardpan 88; fine sand gravel 89. Water from 88 to 89.
BRE BRE		1		Wolfe Luistermans	G. Rice	Aug.19,1960 Jun.15,1962	6						Sand 8; soft blue mud 65; sand 67; black shale 76. Dry hole. Yellow sand 10; puicksand 12; blue mud 55; puicksand 62; hard dark rock 64. Dry hole.
BRE	*	1			*	Jun.26,1962	4	2		12	Presh	D	Sand 10; blue mud 55; ouicksand 62; hard dark rock 64. Water at 64.
BRE BRE BRE BRW ED	"	2 18 7	J.1	Wolfe R.McKenzie Dewitt	R.W.Simpson D. Lecuyer	Aug.30,1960 Sep.13,1960 Sep.21,1962 Nov.10,1962	6 6 4	4	25	18	Fresh	N	Sand 8; blue mud 68; sand 70; black shale 72. Dry hole. Sand 8; soft blue mud 65; sand 70; black shale 75. Dry hole. Topsoil 2; clay 54; black shale 55; Water at 54. Clay 18; sand 19; clay 55; gravel sand clay 72; gravel sand 73;
BRW ED		7			,	Nov.16,1962	4	1	80	7	Presh	N	black shale ??. Dry hole. Clay 19; sand 20; clay pebbles 62; gr vel sand clay ?2; black
BRW ED BRW ED		24 24		Bossy Coulter	0. L'Ecuyer	Feb.18,1963 Feb.21,1963	44	5 3	30 25	12 12		D D	shale 80. Water at 75.  Red sand 10;soft clay 53;sand gravel 55. Water at 55.  Red sand 10;soft blue clay 55;sand gravel 56. Water from 55
BRW ED	*	25	L.	Dunlop	*	Aug. 1,1962	4	3	25	12		D,S	to 56. Red sand 10; blue clay 55; brown shale 57. Water at 57.

				cont.						1			1		
	BRW		rp.	lot	33	J. Conveny	D. Wade	Apr.24,1962	4						Cley 6; sand 9; grey clay 56; h rdban 62; grey shale 69; grey
	BRW BRW			:	33 33	:	:	Apr.25,1962 Apr.30,1962	4						limestone 84. Dry hole. Yellow clay 6;grey clay 56;hardban 64;grey shale 77. Dry hole. Yellow clay 6;grey clay 56;hardban 69;grey limestone 92. Dry hole.
	BRW BRW			•	34 43	P. McGrail G. Dean	V. Conlon H. McDoneld	Sep. 1,1962 Nov.26,1960	4	5	22 77	18	Fresh	D,S D,S	Topsoil 2; blue clay 59; fine sand gravel 60. Water at 59. Topsoil 2; brown clay 25; blue clay 73; gravel sand 76; black shale 77. Water at 74.
	ED	Con	1	•	15	Canada & Dominion Sugar	L.C. Faubert	Jul. 4,1960	4						Shale 7/2 and 37; soft grey clay 56; send gravel 61; black shale 70. Dry hole.
	ED	Con	I		15	. "	•	Jul. 7,1960	4						Grey clay 41; solid sand gas 44; sand gravel 60; black shale 65.
	ED	Con	I	•	15	•	•	Jul.19,1960	4						Grey clay 45; sand gravel 50; soft grey clay 59; sand gravel 61; black shale 64. Dry hole.
	ED	Con	I	₩.	15	•	•	Jul.30,1960	4	6	45	12	Fresh	D,S	Grey clay 31; sand 36; gritty grey clay 55; sand gravel 60; black shale 61. Water at 60.
	ED				15		G. Rice	Jul. 8,1961 Jul.13,1961	4						Sand 10; blue mud 54; quicksand 61. Dry hole. Sand 10; blue mud 59; brown shale 63. Dry hole.
	ED	On	I		15	:	D. Wade	Jul.25,1961 Bec.12,1961	4						Sand 10; blue mud 59; shale 71. Dry hole. Yellow clay 20; grey clay 45; hardban 59; black shale 75. Dry
	ED				16		•	Dec.18,1961	4	2	55	20	Fresh	D.S	hole. Yellow clay 20;grey clay 49;hardpan 60;sand gas 61;black
187	ED	Con	I		17	J. Brunsha	D. Lecuyer	Feb. 2,1961	4	2	72	20		D	shale 90; grey shale 94. Water at 61. Clay 14; sand 15; clay 55; clay gravel 58; clay 65; sand gravel
7	ED	Con	I		17	T. Gagner		Peb.10,1961	4	2	55	20		D	65%; gravel sand shale 66; black rock 72. Water at 66. Clay 15; sand 16; clay 54; clay gravel 58; clay 64; sand gravel
	ED	Con	1		17	•	•	Peb.20,1961	4	_					65;grave black shale 65%. Water at 65%. Clay 12;sand 15;clay 55;clay pebbles 62;sand 63;gravel sand clay 66;black shale 66%. Dry hole .
	ED	On	I		17	•		Peb.24,1961	4						clay 66; black shale 66; Dry hole . Clay 12; sand 14; clay 56; clay pebbles 62; sand clay 63; sand
	ED	Con	I	•	17			Mar. 7,1961	4						gravel clay 65; black shale 66. Dry hole. Clay 12; sand 14; clay 55; clay bebbles 62; sand gravel 64; black
	ED	On	I	•	17		•	Mar.12,1961	4						shale 65. Dry hole. Clay 12; sand 13; clay 54; clay pebbles 62; sand gravel 64; black
	ED	On	I	•	17	J. Brunene	•	Apr.12,1961	4						shale 65. Dry hole. Clay 14; sand 16; clay 56; clay gravel 65; fine sand 66; black
	ED	Con	I	•	17		•	Hay 7, 1961	4	2	55	26	Presh	ם	shale 68. Dry hole. Clay 12; sand 13; clay 54; clay gravel 62; gravel sand clay 65; sand gravel 65; black shale 67. Water at 66.
	ED	Con	I	•	17	•	•	Apr.21,1961	4						Clay 13; sand 14; sand clay 15; clay 57; clay pebbles 60; clay
	ED	On	I		17	T. Gagner	O. L'Ecuyer	May 15,1961	4	21	42	22	Fresh	ם	gravel 64; sand gravel 66; black shale 66; Dry hole. Red sand 8; blue clay 50; hardpan 69; loose shale 70. Water from 169 to 70.
	ED				3	L. Jubenville	:	Oct.12.1960 Nov.26,1960	4	21	22	8		ם	Clay 62; sand clay 67; sand gravel 69; gravel 70: Water at 70. Clay 69; sand 78; sand clay 80. Dry hole.
	ED	Con	II			I. Pelkey	J.A. Johnston	Sep. 7,1961	i,					N	Dark clay 2; yellow clay 13; grey clay 28; sand grey clay 50; grey sand 54; greysand bebbles 72; gravel 73; shale 75. Water
	ED	Con	II		3	•		Apr.16,1963	4					ě	at 50. Clay 13; send 17; blue clay 53; fine sand 72. Water from 13 to
	ED	Con	II	•	3		•	Apr.23,1963	4	4½	12	7	Presh	۵	17 and at 68. Clay 13; sand 18; blue clay 54; fine sand 72. Water from 13 to
	ED	Con	11		8	W. Roy	D. Lecuyer	Mar.19,1962	4						18 and from 72 to 72%. Clay 15;sand 16;clay 62;sand gravel clay 72;sand gravel 74; black shale 75. Dry hole.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCA	TION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TEVET.	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Dove	COUNTY - er Twp Con II			W. Roy	D. Lecuyer	Mar.20,1962	4						Clay 16; sand 17: clay 55; clay nebbles 68; sand clay gravel 74
ED	Con II		8		•	Mar.23,1962	4						gravel sand 78; greenish shale 82. Dry hole. Clay 16; sand 17; clay 60; clay bebbles 72; sand 74; black shale
ED	Con II		8	•		Mar.23,1962	4	4	45	16	Fresh	מ	76. Dry hole. Clay 15; sand 16; clay 63; sand gravel 70; sand coarse gravel 74
ED	Con II		8			May 17,1963	4						Water at 71. Clay loam 2; clay 14; sand 16; grey clay 42; clay gravel 46;
ED	Con II	•	8		<b>**</b>	May 20,1963	4	8	19	15	Fresh	D	hardpan 56;grev clay 67;sand 70;black shale 70. Dry hole. Clay loam 2;red clay 15;crev clay 38;clay gravel 44;hardban 58;clay gravel 65;sand 68;gravel 69;sand 70;gravel 71; black shale. Water at 68;
ED	Con II	*	9	Chatham Yacht	G. Rice	Jun. 7,1962	4	20		14	Fresh	P	Sand 10; blue mud 65; sand gravel 67; broken shale 68. Water
	Con II Con II		12 12	& Boat Club G. Parry		Apr.24,1963 Apr.30,1963	4	2 <del>}</del>	63	20	Fresh	D,S	67. Yellow sand 10; blue mud 60; shale 65; sand 67. Dry hole. Yellow sand 10; blue mud 62; beach sand 64; broken shale grav 65. Water at 65.
ED	On III		12	U. Bechard	O.L*Ecuyer	Jul. 1,1962	4	3	40	16		D	Red sand 12; soft blue clay 50; hardban 70; coarse gravel 72. Water at 72.
ED	On III	*	13	J. Couture	•	Aug.22,1960	4	4	17	14		D	Clay 12; sand 15; clay 43; clay pebbles 65; fine sand 65; clay coarse gravel 70; sand 74; gravel 81; sandy shale 82. Water from 74 to 82.
ED	On III		13	K. Bossy	D.Lecuyer	Feb.25,1961	4	1	65	19	•	D	Clay 12; sand 14; clay 15; sand 16; clay 59; clay pewhles 64; cl sand 77; gravel sand 79; black shale 83. Water at 79.
EI	Con III	*	13	K. Podleski	D.C. Simpson	Jun. 8,1963	4						Topsoil 2; red clay 12; grey clay 50; hardpan 60; sand 68; blace shale 70. Dry hole.
ED	On III		13	•		Jun.11,1963	4	1	42	22	Fresh	D	Red clay 10;grey clay 49;hardpan 59;sand 68;shale 69. Wate at 59.
ED	≎n III		14	L. Faubert	•	Oct. 3,1962	4			i c			Red clay 4; blue clay 8; sand 40; clay 44; herdpan 46; sand 66; sand grayel 75; black grey shale 82. Dry hole.
ED	On III	*	14	•	•	Oct. 6,1962	4						Topsoil 4; red clay 7; sand 16; b'ue clay 44; clay gravel 64; sond gravel 77; grave black shale 85. Dry hole.
ED	On III		14			Oct.10,1962	4						Topsoil 4; clay 8; sand 18; blue clay 48; hardpan 69; gravel so 75; grey black shale 79. Dry hole.
ED	On III		14	•		Oct.15,1962	4						Topsoil clay loom 3; clay 9; and 20; blue clay 42; clay grave 48; bardoan 6°; sand gravel 76; grey black shale 79. Dry hole
ED	∞n III	*	14	•		Oct.18,1962	4						Topsoil 4; clay 8; sand 19; blue clay 45; hardpan 52; sand 56;
ED	On III		14	•	* -	Apr.16,1963	4	6	32	21	Fresh	D,S	clay gravel 73; loose grey black shale 75. Dry hole. Topsoil 3; red clay 7; sand 10; blue clay 42; hardpan 49; sand blue clay 76; gravel 70; black shale. Water at 76.
ED	On III	*	16	A. Bechard	L.C. Faubert	Oct.12,1960	4						Top grey clay 70; grave: 70; black shale, water at 70.  Top grey clay 22; nuicksand 24; rrey clay 60; gritty clay 64; sand. Dry hole.
ED	On III	*	16	:4	•	Oct.13,1960	4						sand. Dry nois.  Top grey clay 22; autoband 24; grey clay 63; fine coarse san 65; shale 69. Dry hole.
ED	∞n III		16	•		Oct.15,1960	4						Ton grey clay 21; outcksand 24; grey clay 58; sand 65; shale 6
ED	On III	*	16			Oct.24,1960	4	ž	28	6	Fresh	D,S	Dry hole. Top grey clay 17;quicksand 20;soft grey clay 51;gritty cla
ED	On III	*	24	F. Pomajba	C.& M. Johnston	Dec.30,1963	4	1	26	20		D,S	55; coarse sand 57. Water from 55 to 57. Topsoil 13; sand 40; clay 62; sand gravel 72; shale 77. Water
ED	Con IV		11	J.Pinnsoneault	D.C. Simpson	May 23,1963	4	8	30	17		D	72. Clay lorm 2; red clay 5; quicks and 7; grey clay 48; hardpan 6;
ED	Con IV	•	16	W. Sterling	O. L'Ecuyer	Jun.15,1961	4	1	70	7	*	D	sand 72;gravel 75;hrdpan 76. Water at 72. Red sandy clay 9;blue clay 50;hardpan 69½;sand 70. Water from 69½ to 70.

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	Dover Tw ED Con	p c	ont.	17	G. Paubert	D. C. Simpson	Oct.24,1963	4	6	32	9	Fresh	D	Topsoil 2; red clay 8; grey clay 53; hardoan 64; gravel 65; black
	ED Con	IV		17	G.E. Hrudka	•	Nov. 8,1963	4	3	31	20	*	D	shale 67. Water at 64. Topsoil 2; red clay 12; blue clay 58; hardban 68; gravel 69; black
	ED Con	IV		17			Nov.12,1963	4	5	29	20		N	shale 75. Water at 68. Topsoil 2; red clay 14; blue clay 60; h raban 68; sand fine gravel
	ED On	IV	**	1?			Nov.15,1963	4	3	35	18	*	D	69; black shale 75. Water at 68. Topsoil 1; red clay 10; blue clay 54; hardban 66; gravel 66;;
	ED Con	IV	*	24	Dover Auto Wreckers	O. L'Ecuyer	May 13,1963	4	21	50	48		D	black shale 70. Water at 66.  Red sand 12;soft blue clay 65;hardnan 69;loose shale 70.
	ED Con	v		1	H. Reinhardus	L.C. Paubert	Nov.17.1960	4	6	50	6		D.S	Water at 69. Black sand 1; yellow sand 10; blue clay 60; stony gravel 65; fine
	EU WII	•		•	n, heimsides	D. C. Fadoure	100.17,1900	7	Ŭ	50	0		D,5	Sand 67; clay gravel 82; coarse sand 86; hard brown shale 87.
	ED Con			15 1	W.J. Sterling H. Klinard	G. Rice O. L'Ecuyer	Nov. 2,1960 Mar. 2,1962	4	1	35	8 15	**	D N	Yellow sand 10; blue mud 60; fine black sand 64. Water at 60. Red sand 8; soft blue clay 55; hardban 79; fine sand 79; blue
	ED Con					C.& M. Johnston	Aug.17,1962	4	2	50	10			clay, Water at 69. Sand 7; blue clay 15; sand 21; clay 43; sand 45; clay 70; clay
	ED Con			9	0. Couture	G. Rice	Sep.?2,1962	4	21	58	12		D D	gravel 73; gravel sand 74. Water from 73 to 74.
	ED Con			12	C. Delrue	G. Rice	Dec. 1,1962	4	27	20	15		U	Clay 10; blue clay 60; beach sand 64; shale 65. Water at 65. Sandy loam 10; blue mud 52; autoksand 64; sand 70; shale 72; grey
	ED Con	VI	*	12	*		Dec.15,1962	4						shale 75. Dry hole. Sandy loam 10; blue mud 52; quicksand 64; sand 70; shale 72;
18	ED Con	VI	Ħ	12			Apr. 8,1963	4	1 ½	50	15	Fresh	D,S	rock 85. Dry hole. Sandy loam 10; blue mud 52; quicks and 65; send 75; shale 85.
99	ED Con	VII		9	I. Toulouse	O.L'Ecuyer	Nov.15,1960	4	1	40	10		D,S	Water at 85. Red sand 8;soft blue clay 50;hardpan 59;sand gravel 60. Water
	ED ©n	VIII	*	2	D. Lucier	C.& M. Johnston	Jun.26,1963	4			6	**	N	at 60. Block sand 19; fine sand 29; blue clay 38; sand 61; clay 62; stane
	ED Con	VIII		2	*	*	Jul. 2,1963	4			6	**		clay 63; sand 77; shale 81; rock 82. Water from 19 to 28 and at 63. Sand 19; fine sand 28; blue clay 38; sand 61; clay 62; stone clay
	ED Con	VIII		2			Jul. 5,1963	4			6	Fresh	N	63. Water from 19 to 28 and at 63. Plack sand 20; fine sand 25; blue clay 48; sand 62; stone clay
	ED Con	VITT	**	4	L. Tetresult	G. Rice	Oct. 4,1962	4						77; shale 81; rock. Water from 20 to 25. Black dirt 2; yellow sand 12; soft grey mud 65; blue mud 74;
	ED Con ED Con			10 10	R. Lucier	C.& M. Johnston	Sep.25,1963	4						limestone 78. Dry hole. Topsoil 3; sand 19; clay 55; clay gravel 57; shale 70. Dry hole.
	ED Con				Dover Twp.Hall	O. L'Ecuyer	Sep.28,1963 Apr.15,1962	4	4	24	15	Fresh	P	Topsoil 3; sand 19; clay 55; clay gravel 57; shale 60. Dry hole. Red sand 10; soft blue clay 65; hardban 67; sand gravel 69.
	ED Con	VIII		12	R. Warwick	*	May 24,1962	4	3	40	10	*	In	Water from 68 to 69. Red sand 10;soft blue clay 60;hardnan 63;sand gravel 65.
	ED Con	MIII	*	12	D. Cadotte		Jun.15,1962	4	2 <del>2</del>	40	15	-	D	Water from 63 to 65. Red sand 10;soft blue clay 64;har ban 69;gravel 70. Water
	ED Con	VIII	**	12	D. Butler	•	Jul. 6,1962	4	2 ⅓	30	10	Gas	D	from 69 to 70. Hed sand 10;soft blue clay 55;hardnan 56;gravel 57. Water
	ED Con	IX	*	7	H. Grifford	D. Lecuyer	Jul. 3,1962	4	4	22	9	Fresh	D	from 56 to 57. Clay 14; sand 16; clay 6°; sand gravel 70; black greenish shale
	ED Con			8 12	A. Shain	J. Bourdeau	May 15,1960	4	4	16	13		D	72. Water at 74. Pill 2; sand 8; blue clay 63; black shale 63. Water at 63.
	ED Con				C. Brown H. Couture	H. McDonald	Aug. 23, 1962	4	6	14	10		D	Topsoil 2; brown clay 10; blue clay 5°; gravel 60; black shale 62. Water at 58.
				13		J. Bourdeau	Jun. 1,1960		1	40	10		D	Top black clay 3; yellow clay 9; blue clay 68; black shale 72. Water at 72.
	ED Con	XII	•	8	G. Profota	R.W. Simpson	Apr.15,1963	4	3	40	14		D	Topsoil 2; yellow clay 10; blue clay 59; fine sand 60. Water at 59.
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1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION 1			OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	STATIC LEVEL	KIND OF	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)	
								METER	TEST	FEAST				below the surface are given in feet)
	Dover	©UNTY - Twp ©n XII	cont		F. LaBombard	H. McDonald	Sep.20,1961	4	6	19	16	Fresh	D	Topsoil 2; brown clay 18; blue clay 68; gravel 69; black shale 72. Water at 68.
	ED (	On XII	*	10	L.Pinsonneault		Sep.27,1961	4.	6	20	16	,,	D,S	Topsoil 2; brown clay 16; blue clay 63; gravel 642; black shale 65. Water at 63 and 65.
	ED (	on XII	*	10	G. Marchand	D.C. Simpson	Jun.20,1963	4	3	44	8	Salty	D	Topsoil 2; clay 8; sand 12; grey clay 65; gravelly clay 67; gravel 68; limestone. Water at 67.
	ED 0	on XII	**	10	A. Clark	*	Jun.24,1963	4	4	40	8		N	Torsol' 2; clay 8; send 12; grev clay 65; gravelly clay 67; limestone 71.
	ED (	On XII	*	10			Jun.22,1963	4						Topsoil 2; clay 8; sand 12; grey clay 65; grovelly clay 67. Dry hole.
	ED (	on XII	н	10			Jun.26,1963	4	3 <del>1</del>	40	8	Salty	D	Topsoil 2; clay 8; sand 12; grey clay 65; gravelly clay 66;
	ED (	on XII	*	10	G.H. Black	н	Jun.26,1963	4	1	48	8	*	D	gravel 67; limestone. Water at 61½. Topsoil 2; grey clay 66; sand gravel 67; limestone 68. Water at 66.
	ED (	on XII	**	16	E. Rikley	O. L'Ecuyer	Sep.20,1961	4						Red sand hard clay 10; soft blue clay 60; hardpan 65; silt fine sand 68. Dry hole.
	ED (	on XII	**	16		H. McDonald	Nov.15,1961	4						Topsoil 2; brown cley 10; nuicks and 12; brown clay 18; blue clay 16; gravel 69; blue soap stone 79; grey rock 85. Dry hole.
	ED 0	on XII	*	16	•	•	Nov.20,1961	4						Topsoil 2; brown clay 12; nuicks and 14; brown clay 20; blue clay 66; gr vel 70; brown hardpan 80; brown rock 91. Dry hole.
	ED (	on XII	**	16		D. Wade	Apr.20,1962	4	2 3		12	Sulphur	D	Yellow clay 8; sand 12; grey clay 60; hardpan 73; grey shale 79; grey limestone 94. Water at 88.
19	ED C	on XIII	**	10	J. Lozon	O. L'Ecuyer	Oct.25,1963	4						Red sand 5; hard clay 15; soft clay 62; hardpan 64; fine stone 66. Dry hole.
90	۲) (	on XIII		11	J. Robinsen	H. McDonald	Aug.13,1962	4						Topsoil 2; brown clay 12; blue clay 62; gravel 64; black shale 70. Dry hole.
	ED C	on XIII on XIII on XIII	**	11 11 24	Webster Bros.	R.B. Webster	Aug.15,1962 Aug.20,1962 Jun. 6,1961	4 4 4	8	26	14	Fresh	P	Topsoil 2; brown clay 14; Plue clay 60; black shale 70. Dry hole. Topsoil 2; brown clay 14; blue clay 59; balck shale 60. Dry hole. Sandy topsoil 10; blue clay 56; black sand 68; black shale 94;
,		on XIV		10	H. Whitney	H. McDonald	Aug.31,1961	4	8	8	3		D	Water at 69. Topsoil 2; brown clay 7; quicksand 9; blue clay 69; gravel sand
,		On XIV	iand)	13	M. Punnewart	V. Conlon	Sep.19,1961	2	4	30	10		N	70; brown rock 712. Water at 69. Black muck 2; yellow sand figure cand 9; blue clay 69; fine sand
	ED (	on XIV	*	19	J. Crowe	H. McDonald	Jun. 6,1962	4	20	22	12		D	fine gravel silt 71. Water at 69. Topsoil 2;brown clay 22;blue clay 60;sand 63;gravel 66;brown
	ED 0	on XV	*	24	J. McGrail	V. Conlon	May 23,1963	4	21	40	32		D,S	rock 67. Water at 60. Topsoil 2; blue clay 8; ouicksand 12; hard yellow clay 20; blue clay 67; fine sand 69; gravel. Water at 69.
	ED 0	on XVII		24	R. Duguay	H. McDonald	Jul. 1,1963	4						Tonsoil clay 2; brown clay 25; blue clay 72; gravel 73; black shale 75. Dry hole.
	ED 0	on XVII	•	24		*	Jul. 4,1963	4	5	55	15	Fresh	D,S	Topsoil clay 2; brown clay 26; blue clay 72; gravel clay 73; grey rock 76. Water at 75.
	ED (	on XVII		5	J. Haernick	V. Conlon	Nov.26,1963	3	4	24	16	*	D	Topsoil 4; quicksand 9; blue clay 77; fine sand 79; fine gravel sand 80. Water from 77 to 80.
	WD		**	24	H. Martins	H. McDonald	Sep. 4,1961	4						Topsoil 2; brown clay 5; ouickeand 9; blue clay 66; gravel sand 69; brown rock 70. Dry hole.
	WD			24		•	Sep. 6,1961	4						Topsoil 2; brown clay 7; cuicksand 9; blue clay 69; brown rock 70. Dry hole.
	WD			24	•		Sep. 9,1961	4	1	66	20	Fresh	D	Topsoil 2;brown clay 8;oulckrand 9;blue clay 64;gravel sand 66. Water at 65.
	WD		*	34	G. Saunders	*	Sep.11,1961	4	7	15	10	Sulphur	N	Topsoil 2; brown cley 8; quicksand 9; blue clay 68; gravel sand 70; brown rock 71. Water at 68.
	WD C	on IV	•	4	B. Marsh	C.& M. Johnston	Aug.28,1962	4						Notice of 1. water at oc. Sand 7; blue clay 41; sand 42; blue clay 59; blue clay stones 61; blue clay 76; blue clay gravel 91. Dry hole.

1	ENT CO	UNTY -	ont.											
	WD Co	Twp : n IV	ont. lot	4	B. Marsh	C. & M. Johnston	Dec.28,1962	4	3	25	8	Fresh	N	Sand 9; blue clay 43; sand clay 45; blue clay 73; blue clay stone
	WB Con	n IV		4	*		Feb.21,1963	4	2	18	6	•	D	74;gravel 76;gravel sand 81. Water from 74 to 81. Sand 9;blue clay 43;sand clay 45;clay 72;clay stone 75;gravel sand 86;rock 865. Water from 75 to 865.
	Dresder Dresder	n Town			D.S. McGorman G. Spence	D. Wade D.C. Simpson	Jun. 6,1960 Sep. 8,1962 Sep.10,1962	4 4	5	45	36	Fresh	P	Sand 6;grey clay 47;hrrdpan 77;black shale 93. Water at 77. Topsoil 6;blue clay 40;shaly hardpan 55. Dry hole. Topsoil 8;blue clay 39;shaly hardpan 56. Dry hole.
	Dresde:	n Town			L. Wicks Sr.	R.W. Simpson	Sep.12,1962 Oct.18,1962	4	3	47	30	Fresh	D	Topsoil 5; blue clay 38; shaly hardban 54. Dry hole. Topsoil 2; yellow sand 8; blue clay 39; hardban 60; black shale 63. Water at 60.
	Erieau	Village	•		Peejay Packing	M.Hernandez &Sons	Aug.20,1960	3	17	15	3	Fresh	In	Sand 15. Water from 3 to 15.
	Erieau	Village	•		L. Fleming	R.M. Campbell	Sep.27,1960	4	31	65	5		D	Sand 4; peet 7; gravel 18; blue clay 118; hardpan 129; grey shale 132; brown shale 135. Water at 135.
	Erie B	each Vi	llage		Erie Water Supply	C. Warren	May 31,1963	7	25	50	33	Fresh	P	Blue clay 108; clay gravel 114; slate 116. Water from 114 to 116.
19	Harwich BF	k Twp.	lot	22	O. Poag	S. Earl	Jun. 9,1961	4	1	90	8	Fresh	N	Clay 96;gravel 96%;hardpan 107;blue shale 135;blue black
ר	BF			22	#	**	Jun.17,1961	4	3 }	80	12	**	D	shale 153; black shale 175. Water from 96 to 962. Clay 98; hardpan 108; gravel 109; cemented gravel 112; blue black
	BF			24	A. Kellor .	G. Galbraith	Sep. 5,1961	4	1	145	12	**	N	shale 132. Water at 109 and 116. Red clay 101;gas gravel hardpan 113;soapstone shale 145;shale
	BF CRE O	on I		24 2	J.A. Keiller B. Huffman	HadcoWell Digging E. Rumble	Aug.21,1963 Dec.26,1963	27½ 4	1	39	11		D	Water at 120. Topsoil fill 4; brown sandy clay 13; blue clay 40. Water at 11. Clay loem 4; quicksand 17; blue clay 119; gritty clay hardpan 128; soapstone 135; black slade rock 172. Dry hole.
	CRE O	on I	**	7	W. Cowley L. Murdock	S. Earl E.R. Rumble	May 12,1961 Jan.18,1960	5 4	7	98	78	Fresh	D	Blue clay 124; hardpan 136; blue black shale 162. Dry hole. Black topsoil 6; grey clay 142; gravel clay 144; dark slate rock 148}. Water at 148.
	CRE C			25 25	Ont.Dept High- ways	O. L'Ecuyer	Nov.13,1962 Nov.13,1962	6	15	30	20	Fresh	P	Red clay 20; hardoen 55. Dry hole. Red clay 20; hardoen 60; soft clay 87; loose shale 88; brown shale 92. Water at 88.
	CRE O	on VI		26	V, Glover Tanguay Estate	*	Jun.19,1963	4	3	30	15		D	Red sand 10; soft clay 30; hardban 60; gravel 67. Water at 60.
	CRW O	on I		7	Ont Dept of Highways		Nov.25,1963	7	10	80	70	*	P	Clay 140; hardpan 144; black shale 148. Water at 148.
	CRW O	on I		27	A. Houston	D.Lecuyer	Nov. 7,1963	4	1	731	21	**	D	Clay loam 14; clay pe bles ravel 61; sand gravel 70; coarse gravel 73; gravel fine sand 73. Water at 72.
	CRW C	on II	*	A	W. Pardo	O.L'Ecuyer	Jun.15,1962	4	1	80	20	ж	D,S	Hard clay 25; soft clay 45; hardran 115; fine muddy sand 117; soapstone 125. Water from 115 to 117. (muddy)
	CRW C	on II		9	A. VanDeHogan	E. Rumble	Aug.24,1962	4						Clay losm 6;gritty grey clay 16; sand gravel 172; black slate 175; soapstone 187. Dry hole.
	CRW O	on II		9	•	*	Sep.20,1962	4						Clay loam 6;gritty blue clay 165; sand 172; black slate 175; soapstone 205. Dry hole.
	CRW O	on II	**	10	J. Flemming & A. Pegg	C. Warren	Jun. 1,1960	7	5	180	140	Fresh	D	Loam 2;gravel 18; clay 153; sand 190; muddy gravel 200; slate blue shale 210; slate 220; slate blue shale 240. Water at 205.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCAT	CION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	OUNTY -													
	ck Twp. Con II		ont.		H. Stowe	E. Rumble	Apr.1, 1961	4	7	120	112	Fresh	D	Yellowish brown clay 16; grey clay 65; gritty blue clay 135;
CRW	Con III		• [		F. Rogala	O. L'Ecuyer	Jan.15,1960	4	4	40	12	•	D	black slate rock 146. Water at 146. Muck 4; red hard clay 20; clay 125; hardban 131; sand gravel 13
CRW	Con III		• 8	3	J. Huffman	R.W. Simpson	Dec.14,1960	3	5	100	96		D	Water at 131. Topsoil 3; yellow clay 14; blue clay stones 145; hardpan grave
CRW	Con III		. 2	20	D. Sparks	H.A. English	Mar.31,1962	4	3	68	62		D	173; blue black shale. Water at 145. Clay 30; fine gravel 33; clay stones 70; black shale 80; soft
CRW	Obn IV		• 2	2	J. McIllroy	E. Rumble	Dec. 2,1961	4	15	28	28	-	D	putty clay 125; hardpan 129; gravel 130. Water at 130. Black loam 4; yellow clay 15; grey clay gravel 99; gravel clay hardpan 109; sand gravel 112; dark hard bedrock 113. Water
CRW	On IV		<b>"</b> 3	,	D. Holdaway	H.A. English	Nov.10,1961	4	1	120	30	*	ם	at 1122. Yellow send 11; soft clay 91; hard clay gravel 114; black shall
CRW	Con IV		<b>*</b> 3	,	₩.	E. Rumble	Nov.15,1961	4	2	50	30		D	132; fine sand 133; shale soapstene 135. Water at 114. Yellow loam 11; grey clay gravel 92; sand gravel 110; shaly
CRW	Con IV		. 6	5	H. Clark		Dec.15,1960	4	4	84	64		D.S	slate 11%. Water at 111. Previously drilled 111; quicksand 12%; shale slate 130; blue
CRW	Con IV		<b>*</b> 9	,	W. Wehenkel	S. Earl	May 11,1963	4	5	130	124	*		shale 132; blue shale slate 136. Water at 1352. Gravel 20; sand 35; sand clay 50; clay 184; hardpan gravel 190
	Con IV		<b>"</b> 9		E.M. Warwick		May 29,1963	4	10	115	115		ם	black shale 202. Water from 198 to 192. Gravel clay 20; sand 35; sand clay 50; clay 174; fine gravel 1
	Con I		. 1		F. McDougall	E. Rumble	Oct.15,1963	4					-	black shale 193. Water from 175 to 185. Silty clay 11; blue clay 115; dirty sand 124; mixed shale
	Con I		. 1	_	. moscugari		Nov. 6,1963	4	3	120	48	Fresh	D.S	soapstone 136. Dry hole. Silty clay 11; blue clay 110; sand 116; shale soapstone 121;
	Con I		. 2		F. Hebbleth-	_		4	11	70.	54	rresn		black shale 122. Water at 121%.
					Waite		Jul. 4,1963	4	11	69	24		D,S	Clay loam 5; quicksand 14; grey clay stones 131; sand gravel Water from 131 to 138.
	Con I		. 2		L. Coleman	G. Rice	Oct.12,1960							Yellow sand 10; blue mud 50; grey mrd 127; sand 135; brown shall44. Dry hole.
	Con I		* 2		•	R.N. Campbell	Jul. 6,1961	4						Topsoil send 10; red clay 123; hardpan 132; blue sandstone 13 black shale 180. Dry hole.
LEF	Con I		<b>"</b> 2	21		•	Jul.28,1961	4			20			Topsoil 10; blue clay 121; sand gas 125; hardban 133; brown shale soapstone 135; brown shale 157. Dry hole.
LEF	Con I		* 2	21	•	G. Galbraith	Oct.18,1961	4	4	38	35	Fresh	D,S	Topsoil 3; blue clay 100; red clay 118; hardpan 125; soapstone 130; brown shale 132. Water at 130.
	Con I		* 2	24	Union S.S.# 12 to 15,	S. Earl	Aug.28,1963	4	< <del>1</del>	129	45	•	N	Clay 118; hardpan 126; sand gravel 131. Water from 126 to 13
LEF	Con III		<b>"</b> 1	16	M. Campbell	Water Resources	Oct. 3,1961	5	20	60	46	•	D,S	Sand 15; mild hardpan 35; grey clay 40; hardpan from 40 to 120 black shale 133; black blue shale 145. Water at 125 and from 142 to 145.
LEF	Con III		* 1	8	H. Mairs	E. Rumble	Jul.14,1963	4	2 2	140	58	*	ם	Old well 5; blue clay 110; soapstone shale 138; black shale 14 Water at 138.
LEF	Con III		- 1	9	F. Woodliffe	•	Dec.27,1961	3	7	63	53		D,q	Sandy clay loam 6; cuicks and 11; blue clay 140; gravel 142. Water at 141.
LEF	Con III		* 1	9	K. Hope	*	May 20,1962	4	21/2	70	48		ם	Sandy loam 9; grey clay stones 116; sand gravel 135; gas.
LEP	Con IV		• 1	.8	E. Patterson	•	Nov.28,1963	4	9	60	54		D,S	Water from 116 to 135. Clay loam 5; sandy clay 15; gritty grey clay 110; gravel hard
LEF	Con V		• 2	0	W. G∩odwin	H.A. English	Apr.15,1961	4	5	100	95		ם	126:gravel. Water at 126. Blue clay 100; hordoan 102; blue clay 174; sandy hardpan 186;
LEF	⊙n V		<b>"</b> 2	22	G. Muckle	HadcoWell Digging	Nov.17,1962	30	2	16	8 }		D	soft clay 188; hardman 189; coarse gravel 190. Water at 189. Topsoil 1; brown sandy clay 4; fine sand gravel 9; blue clay water at 88.

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1	larwi LEF		VI			A. Pepper	E. Rumble	May 2,1963	4	3	124	114	Fresh	D,S	Gravel 28;grey clay stones 184;sand gravel 192;slate 196.
	LEF	Con	VII		13	Blenheim Rod &	•	Jan.31,1963	4	6	85	75		P	Stony yellow clay 15;gri ty grey clay 140;sand gravel 143;
	LEF	Con	VII	٠	17	Gun Club G. Campbell	*	Nov.25,1962	4	7	120	108	٠	D,S	black slate 144. Water at 1453. Brown loam Bigritty blue clay 165; soft butty send 108; sand grovel 193; blue shale black slate 1942. Water from 193 to
	LEF	Con	VIII		19	A. Vercouteren	O. L'Ecuyer	Jan.28,1962	4	2	130	80	•	D,S	1941. Gravel 6;hardpan 20;blue clay 134;gravel 135;black shale 139;
	LFF	0on	x	*	22	J. Johnston	E. Rumble	Jun.30,1962	4	3	55	31	*	D,S	scapstone 143. Water at 134. Sandy loam 7; grey clay small stones 84; sand gravel 92;
	LEP	Con	XI	W	17	J. Ulick	R.M. Campbell	Oct. 1,1960	4	4	25	5	н .	D,S	black slate rock 95. Water at 95. Topsoil 6; blue clay 34; sand 62; herdpan 75; brown shale 79.
	LEF	Con	XI	×	18	C. Vasicek		Oct. 7,1960	4	3	55	7	*	D,S	Water from 75 to 79. Tonsoil 7; blue clay 62; hardoan 80; brown shale 85. Water from 80 to 85.
	LEF	œη	XII		18	J. McCully	E. Rumble	Jun.20,1961	4	2		16		N	Plack loam 2; yellow silty sand 10; blue clay 50; clay gravel 74; sand gravel 76; black slate 88. Water from 74 to 76.
	LEF	œη	XII	*	18	•	•	Jul. 8,1961	4	1	83	16		N	Flack loam 2; yellow silty send 12; blue clay 55; quicksend 70; fine sand gravel 78; black shale 83. Water from 70 to 78.
	TRS	œη	I	٠	15	G. Bedford	D. Lecuyer	Dec.17,1963	4						Clay 12; sand 15; clay 17; sand 19; clay pebbles 55; hardpan 74; brown shale 84. Dry hole.
	TRS	Con	1	•	15			Dec.30,1963	4						Clay 11; sand 16; clay 42; clay pebbles 55; gravel 56; clay gravel 64; sand clay gravel 69; gravel 70; black shale 76. Dry hole.
	TAS	Con	I	**	17	Maple City Golf Club	*	Jun.16,1962	4	2	55	15	Fresh	P	Clay 14; sand gravel 21; clay 48; sand gravel 66; black shale 67.
2	TRS	œη	II	**	6	T. Campbell		Sep.22,1963	4						Clay 15; sand 16; clay pebbles 55; sand clay 67; clay gravel 72; greenish balck shale 82. Dry hole.
	TPS	0on	II		6	•	•	Sep.25,1963	4						Clay 16; sand 17; clay nebbles 5°; sand clay 70; gravel sand clay 73; black greenish shale 76. Dry hole.
	TRS	Œη	II	**	6			Sep.29,1963	4						Clay 15; sand 16; clay pebbles 57; sand clay 71; sand gravel 73; greenish shale 75. Dry hole.
	TRS	œη	II		6		•	Oct. 8,1963	4						Clay 15; sand 16; clay perbles 60; sand clay 68; sand gravel 72; greenish black shale 76. Dry hole.
	TRS	Œη	II	*	6	•	•	Oct.16,1963	4	2	65	14	Presh	D	Clay 12; sand 14; gravel clay 66; gravel sand 70; clay gravel sand 72; grey black shale 74. Water at 72.
	TRS			*	8	C. Carey	G. Rice	Jun.15,1961 Jun.22,1961	4						Yellow clay 8; blue mud 69; sand 75; black shale 87. Dry hole. Yellow clay 8; blue mud 69; sand 75; black shale 80. Dry hole.
	TRS				8	J. Cibulka	R. Pinsonneault	Aug. 9,1961 Jul.23,1963	4	4	47	18	Fresh	ם	Yellow clay 10; blue mud 69; sand 70; shale 90. Dry hole. Topsoil clay 7; white sand 17; blue clay 52; quicksand 59; sand
	TRS				10			Jul.23,1962	4	2	35	6		s	gravel 62; black sand. Water at 59. Yellow sand 8; clay 32; white sand 62; shale. Water at 62.
	TRS				14	D. Brown	O. L'Ecuyer	Dec.15,1963	4	5	35 40	12	•	ם	Red sand 12; blue clay 45; hordoan 65; gr vel 78. Water from 65 to 78.
	TRS	œη	II	•	23	R. Bolls	R.B. Webster	Cet.20,1961	4	3	30	20		ם	Sandy topsoil 10; clay sand 20; clay 36; clay stones 50; clay stones gas 51; gravel 53. Water from 51 to 53.
	TRS	Con	II		24	M. Skerry		Oct.16,1960	4	< <del>}</del>	22	19	•	D	Topsoil 16; blue clay 38; gravel clay 52; stones gas 53; clay gravel 64; shale 72. Water at 70.
	TRS	Con	III		6		O. L'Ecuyer	Feb. 1,1960	4						Red sand 10; soft blue clay 30; hardpan 50; soft clay 63; sand clay 65. Dry hole.
	TRS	œη	III		6	L. Restorick	•	Feb.14,1960	4						Red sandy clay 9; soft blue clay 30; hardoan 45; soft clay 64; fine sand 65. Dry hole.
	TRS				6	•		Feb.15,1960	4						Red sand 8; soft blue clay 30; hardoan 45; soft clay 64; fine sand 65. Dry hole.
	TRS	Con	III	•	6	•	•	Feb.17,1960	4						Red sand 8; soft blue clay 30; herdeen 45; soft clay 64; silty fine sand 65. Dry hole.
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1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCAT	MOI	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Harwick	UNTY -	- 0	ont.							89			
	on III		ot 6	L.Rostorick	O. L'Ecuyer	Mar. 3,1960	4	1	50	15	Fresh	מ	Red sand 8; soft blue clay 20; hardpan 45; soft clay 64; fine sand 65; sand gravel 66. Water at 15.
TRS Co	on III		• 6	"	"	Mar.15,1960	4	1	59	15		D	Red sand 8; soft blue clay 30; hardpan 45; soft clay 63; fine sand 64; sand gravel 65. Water at 63.
TRS Co	on III	,	6	K.J. Watson		Apr.20,1960	4	2	55	16	**	D	Red sand 10;soft blue clay 25;hardpan 45;soft clay 63;sand gravel 65; cemented sand 70; clay 73;sand gravel 75. Water at 65 and 75.
TRS Co	on III	3	• 6	R. Restorick	*	May 1,1960	4	1	40	15	*	D	Red sand 10; soft clay 28; hardnan 45; soft clay 64; sand 65.
TRS Co	on III		6		*	May 15,1960	4	2	50	15	**	D	Red sand 12;soft blue clay 30;hardpan 50;soft clay 64;sand 65. Water at 64.
TRS Co	on III on III		6	*		May 18,1960 May 21,1960	4						Red sand 12; soft blue clay 30; hardpan 45; soft clay 68. Dry hol. Red sand 12; soft blue clay 30; hardpan 45; soft clay 59. Dry
TRS Co	on III	3	* 6		99	May 22,1960	4						hole. Red sand 12;soft blue clay 30;hardpan 45;soft clay 68;hardpan 75. Dry hole.
TRS Co	on III	9	• 6	**	*	May 30,1960	4	1	50	16	Fresh	ם	Red sand 12;soft blue clay 30;hardpan 45;soft clay 56;sand 52. Water at 57.
TRS Co			6	:	H H	Jun. 5,1960 Jun.30,1960	4						Red sand 12; soft blue clay 30; hardoon 45; soft clay 68. Dry hol. Red sand 12; soft blue clay 30; hardoon 45; soft clay 59;
TRS Co	on III		6		•	Aug. 2,1960	4	2	50	16	Fresh	D	hardban 75. Dry hole. Red sand 12;soft blue clay 30;hardban 45;soft clay 56;sand
TRS Co	on III		• 6		4	Aug.15,1960	4	1	50	16		D	gravel 58. Water at 58. Red sand 12;soft blue clay 30;hardban 45;soft clay 56;sand
TRS Co	on III	3	6	*		Aug.25,1960	4	2	50	16	*	ם	gravel 58. Water at 58. Red sand 12;soft clay 30;hardpan 45;clay 57;sand gravel 59. Water at 59.
TRS Co	on III	9	• 6		•	Sep.15,1960	4	12	50	20	*	D	Red sand 12;soft blue clay 35;h rdpen 66;sand gravel 68. Water at 68.
TRS Co	on III	-3	6	G. Garrod		Dec.18,1961	4	1	50	15		D	Red send 12; soft blue clay 35; hardpan 65; sand gr vel 70.
TRS Co	on III	9	' 6	J. Williams	C.& M. Johnston	Jun.29,1962	4	5	22	20	н	D	Yellow sandy clay 20; black sand 40; brown clay 50; gas 51; brown clay 59; sand grovel 64; hard dark rock 65. Water at 59.
TRS Co	on III	9	• 6	R. McLean	O, L'Ecuyer	Nov.16,1962	4	1	40	15	н	D	Hard clay 12; soft blue clay 25; hardnan 40; soft blue clay 58; hardnan 61; sand 63. Water at 63.
TRS Co	on III	,	6	L. Restorick	n	May 11,1963	4	1	50	15		מ	Red send 10; soft clay 25; hardran 40; soft clay 60; sand 62. Water from 60 to 62.
TRS Co	on III		• 6	R.Restorick	*	May 14,1963	4	11/2	50	15	*	D	Red sand 10; soft clay 20; hardnen 37; soft clay 62; sand 64. Water at 62.
TRS Co	on III	-	• 6	J.W. Clinger- smith	R.W. Simpson	Jun.18,1963	4	31	45	17	"	۵	Topsoil 5; blue clay stones 61; fine sand 62; sand gravel 63. Water at 62.
TRS Co	on III	*	6	R. Gates	O. L'Ecuyer	Jul.13,1963	4	1	50	15		ם	Red sand 10;soft clay 22;hardpan 40;soft clay 60;sand 62. Water at 60.
TRS Co	on III	,	. 8	A. King	*	Sep.24,1962	4	21/2	28	15		D	Hard clay 24; soft clay 55; hardpan 63; gravel 64. Water from 163 to 64.
TBS Co	on III	,	13	J. Heathcote	E. Rumble	May 15,1961	4						Black loam 2; yellow quicksand 15; blue clay 55; silty soft sand 60; gravel clay 68; black slate 87. Dry hole.
TRS Co	on III	3	13	•	"	Jun.10,1961	4						Black loam 2:yellow quicksand 15;blue clay 55;silty soft sand 63;gravel clay 68;black slate 72. Dry hôle.
TRS Co TRS Co	on III		13 13 15	J.L. Mulder	HadcoWell Digging O.L'Ecuyer	Aug.21,1961 Sep.27,1963 Jun.15,1960	4 30 4	1 4	19 20	8 13	Presh	D D	Topsoil 1; brown sand 8; blue sand 19; blue clay 20. Water at 8. Red sand 12; soft blue clay 35; hardpan 60; sand gravel 62; hardpan 69; gravel 71. Water at 71.

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KENT COUNTY - cont.										
Harwick Twp cont. TRS Con III lot 15	A. DeBeck	R. Pinsonneault	Mer. 6,1963	4	21	20	9	Fresh	D	Topsoil 3; yellow send 15; blue clay 24; brown clay pebbles 47;
TRS Con III * 15	B. Edwards		Jul.12,1963	4			10		N	fine sand 52; silt sand clay 65; shale 68. Water at 68. Topsoil 3; yellow sand 10; yellow clay 45; fine sand 48; brown
TRS Con III * 15	R.F. Edwards		Jul.19,1963	4	5	20	10	Fresh	כ	clay 66; fine sand 69; shale 71. Water at 48 and 69. Topsoil 3; yellow sand 10; yellow clay 45; sand 52; sand gravel
TRS Con III " 15	L. Martin	*	Aug.23,1963	4	4	20	10		ס	56. Water at 45. Topsoil 3; yellow sand 15; blue clay 44; white sand 64; gravel 65;
TRS Con IV " 7	M. Everitt	O. L'Ecuyer	Jun.20,1960	4						shale 70. Water at 66. Red sand 12; soft blue clay 30; hardcan 50; sand 65; hardcan 72.
TRS Con IV 7	J.Vandehagen		Jul.20,1961	4	4	30	12	•	D	Dry hole. Red sand 10; soft blue clay 35; hardpan '3; sand gravel 67. Water
	I. Beecroft H. Jenner	D. Lecuyer	Jun.27,1963 Jun. 2,1961	4 4	3	40	15	•	ם	at 67.  Red sand 10;soft clay 30;hardnen 42;gravel. Water at 42.  Clay 12;sand 14;sand 15:clay perbles 60;clay gravel 71;gravel
TRS Con IV * 13	*		Jun.20,1961	4						z ml 73;block shale 78. Dry hole. Clay 13;sand 14;clay 16;sand 17;clay peobles 55;gravel sand
TRS Con IV * 13	•	<b>W</b> .	Aug. 3,1961	4						clay 65;gravel sand 67;black shale 70. Dry hole. Clay 14;sand 15;clay pebbles 55;gravel sand 64;black shale
TRS Con IV " 13	*	*	Aug.10,1961	4						66. Dry hole. Clay 12; sand 13; clay 16; sand 17; clay pebbles 55; gravel sand
TRS Con IV " 13		n	Aug.21,1961	4						clay 64;gravel 64;;black shale 66. Dry hole. Clay 11;sand 12;clay 16;sand 17;clay berbles 54;sand clay
TRS Con IV " 13		н	Aug.28,1961	4						growel 63;grovel 64;black shale 66. Dry hole. Clay 12;sand 13;clay 16;sand 17;clay pebbles 63;grovel sand
TRS Con IV " 14	J.W.Gilhuis	G. Rice	Oct.23,1962	4						64; black shale 66. Dry hole. Sand 10; blue mud 40; sand gravel "6; beach sand 68; shale 76.
TRS Con IV * 14	10	*	Nov.27,1962	4						Dry hole. Send 10; blue mud 40; send grovel 44; beach send 67; shale 72. Dry hole.
TRS Con IV " 24	H. Brisley	R.B. Webster	Aug. 1,1960	4	5	12	12	Fresh	D,S	Topsoil 8; blue clay 38; gravel clay 42; clay gravel 50; clay 64; gravel 65. Water at 65.
TRS Con V " 6	M. Houston	D. Lecuyer	Oct.28,1963	4	4	40	14	•	ם	Sandy loam 4; sandy clay 16; clay 20; clay pebbles 40; sandy clay pebbles 60; corrse gravel 68; fine chale gravel 71; greenish shale 73; black hard shale 75. Water at 70.
TRS Con V * 18	D. Rice	G. Rice	Oct.15,1962	4	4	20	12	*	D	Sand 10; blue mud 40; grevel 41; blue mud 46; beach sand 78; shale 80: Water at 80.
TRS Con VI * 6	M.W. Maynard	O. L'Ecuyer	Sep.20,1963	7	4	40	15		D	Red sand 10; blue clay 30; hardpan 68; soft shale 70. Water at 68.
TRS Con VI # 12	J. Benoit	D. Lecuyer	Nov.17,1961	4	5	14	8		D	Sandy loem 3; clay 50; gravel sand 52; clay gravel 55; gravel sand 56a; black sandy shale 57. Water at 57.
TRS WB Con I * 3	A. Pelisek	R.W. Simpson	Jun.25.1963	4	3	23	21	**	D	Topsoil 2; vellow send 6; blue clay 45; sand gravel 53; hardpan 62. black shale. Water at 45.
TRS WB Con IV * 1 TRS WB Con IV * 1	E. Martin	O. L'Ecuyer	Feb.20,1963 Mar. 1,1963	4						Red sand 12;soft clay 38;hardban 66;trown shale 75. Dry hole. Red sand 12;soft clay 38;hardban 66;trown shale 78. Dry hole.
TRS WB Con IV " 1	*	*	Mar. 5,1963	4	2	50	30	Presh	D	Red sand 12; soft clay 40; haraban 65; loose shale 66; brown shale 68. Water at 66.
TRS WB Con IV * 1		C.4 M. Johnston	Oct. 5,1963	4						Sandy clay 20; clay 41; clay gravel 60; clay small stones 63; gravel 70; shale 72. Dry hole.
TRS WB Con IV * 1	•		Oct.12,1963	4						Sandy clay 20; clay 41; clay gravel 60: clay small stones 63; gravel 70; shale 72. Dry hole.
TRS WB Con IV " 1	-		Oct.22,1963	4	2	46	26	Fresh	D,S	Sand clay 22; clay 43; clay gravel 62; clay stone 65; gravel 70. Water from 65 to 70.
TRS WB Con IV * 1	*	•	Nov.23,1963	4	1					Sendy clay 17; clay 30; clay small stones 63; clay 68; shale 84; rock 85. Dry hole.
	O Wasterston with							1	L	of malls may be found of the and of Amandia (

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	II.	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	NT COUNTY - cont	ont.	E. Martin	C.& M. Johnston	Nov.29,1963	4	1	45	30	Fresh	N	Sandy clay 25; clay 46; clay gravel 65; clay stone 68; gravel 71;
	TRS WB Con IV 10		E. Marcin	w somston	Dec. 5,1963	4	-	*2	"	ricon	, A	shale 81. Water from 68 to 71. Sandy clay 16; clay 40; clay gravel 42; shale 52; clay 69; gravel
	TRS WB Con IV	4	Zimmer Bros	R. Pinsonneault	Jul.5, 1963	4	5	60	18	Fresh	In	72; shale 86. Dry hole. Topsoil 3; gritty brown clay 38; sand 78; black shale 88. Water from 38 to 78.
	TRS WB Con IV	5	D. Hackett	O. L'Ecuyer	Feb.21,1960	4	1	60	20		D	Red sond 15;soft clay 20;hardpan 65;sand clay 72;black shale 75. Water at 74.
	TRS WB Con IV	• 5	K. Bartlett	G. Rice	Apr.18,1961	4						Yellow sand 10; blue mud 66; quicksand 73; fine sand 75; rock 80. Dry hole.
	TRS WB Con IV		H. Samways	N N	Apr.29,1961 May 15,1961	4	1		20	Fresh	מ	Yellow sand 10; blue mud 59; Grey mud 66; sand 67. Water at 67. Yellow clay 10; blue mud 66; quicksand 73; fine sand 75; rock 80. Dry hole.
	TRS WB Con IV	5		•	May 23,1961	4	1		21	Fresh	D	Yellow sand 10; blue mud 66; quicksand 73; fine sand 76; hard grey rock 79. Water at 79.
	TRS WB Con IV	5	K. Hansen	R.W. Simpson	May 23,1963	4						Topsoil ?; yellow sand 10; blue clay 74; black grey shale 83. Dry hole.
	TRS WB Con IV	• 5		*	May 26,1963	4	5	48	21	Fresh	D	Topsoil 2; yellow sand 9; blue clay 73; sand gravel 74; grey black shale 75. Water at 73.
	TRS WB Con IV	* 5	A. Lewis	D.C. Simpson	Jul. 6,1963	4	3	40	20	**	ם	Topsoil 3; grey clay 19; hardnan 42; clay 67½; gravel 69½; black shale 72. Water at 67½.
_	TRS WB Con IV		D. Willet	D. Lecuyer	Nov.26,1963	4	1	74	12	**	D	Clay 16; sand 17; clay 40; clay pebbles 70; sand gravel 72; black shale 74. Water at 72.
106	TRS WB Con V	1 1 2	D. Kteffer S. Corsini	J.E. Smith D. Lecuyer	Oct.10,1961 Oct.13,1961 Nov. 1,1962	4 4 4	4	18 15	14 15	Fresh	D,S	Sand 3;blue clay 115;soapstone 140. Dry hole. Sand 4;blue clay 79;shale. Water at 79. Clay 12;sand 16;clay pebbles 78;gravel clay 80;black shale 82. Water at 81.
	TR .	" 3	R. Pinder	R. Pinder	Jul. 1,1962	4					N	Gravel 12; blue clay sand 173; soft blue clay coarse cand 193; hardpan 201; soft blue clay fine gravel 205; hardpan 212; medium sand 213; fine gravel clay sand 224; blue clay 228.
s	rewsbury Townsi	te	T. Milburn	R.W. Simpson	Jun.21,1960	4	4	50	24	Fresh	P	Topsoil 2; yellow clay 10; blue clay 103; hordpon 107; gravel 108; Water at 107.
S	rewsbury Townsit	te	C. Woods	E. Rumble	Aug.15,1963	4	2	90	28	w	D	Clay loom 4; silty clay 11; blue clay 105; black slate 117. Water at 115.
H	ghgate Village		Highgate Water	R.M. Campbell	Jun. 4,1960	4	6		91	Fresh	P	Sand gravel 5; till 132; sand 186; hordran 189; brown slate 196. Water at 190.
H	ghgate Village		F. Tape	G. Galbraith	Aug.11,1961	4	5	100	95	**	D	Sand 12; blue clay 125; puicks and 133; hardnan 140; fine gravel sand 155; gravel 160. Water from 125 to 160.
	oward Twp.	ot 6	St.John's United Botany	R.B. Webster	Apr. 5,1960	4	2	69	14	Fresh	P	Sandy brown tonsoil 6; clay sand 34; grey clay 42; gravel 60; sand 65; clay gravel gas 66; sand gravel 73; gravel clay 79; gravel 81; clay gravel 94; gravel sand 85. Water at 85.
	3C	" 11	Church H. Gillespie	R. Pinsonneault	Dec. 4,1962	4	3		25	*	D,S	Topsoil 4; yellow sand 12; white sand 20; blue clay 46; sand clay stones 50; sand 50; sand clay 67; fine sand 67%; hardoan 75; sand gravel 75%; black shale 124. Water at 50, 67 and 75.
	P .	. 88	J.Smith&V.Pine	G. Gelbreith	Jun. 6,1963	4	10	45	42	н	D	Sand 5; blue clay 30; red clay 70; boulder clay 90; hordoan gas 93; sand grovel 115; har han 120; black sand 123; broken shale 125. Water at 115 and 125.
	3F	97	E. Jarvis & R.Wagner		Jul. 9,1963	4	4		12		D	Topsoil 2; blue clay 98; broken rock 102; black brown shale 127. Water and gas from 98 to 102.

	ENT COUNTY -												
	Howard Twp, - BF Con I		101	N.S. Wade J.E. Martin	S. Earl R.W. Simpson	May 18,1961 Oct.18,1960	4	15 4	14 29	10 29	Fresh	D,S	Clay 100;hardoen 110;gravel 120. Water from 110 to 120. Topsoil 2;yellow clay 20;blue clay 24;hardoen 40;sond 61; gravel 63;hardoen, Water at 61.
	Con I Con I Con I	*	15 15 15	A.H.McRobert G. Mallette	D.C. Simpson S. Earl R. Pinsonnegult	Jul.11,1963 Aug. 1,1963 Oct.25,1963	4 4 4	3 7 2	25½ 50 48	25½ 25 28	Fresh	N D D	Topsoil 2; red sand 6; clay 29; hardheads clay 35; hardheads. Sand 3; clay 17; gravel 33. Water from 26 to 33. Sand 10; blue clay 50; sand gravel 69. Water at 50.
	Con II		5	Anderson Farms	Had coWell Digging	Dec.27,1963	30	2	48	28	*	S	Brown sand 2; brown clay 12; blue sandy clay 26; blue clay 45; gravel 48. Water at 45.
	Con II		10	G. Casier	S. Earl	Oct.29,1963	4	1	50	20	•	N	Sand R; clay sand 24; clay 55; gravel sand 60; hardoan 69; black shale 71. Water from 57 to 60.
	Con II	**	10		•	Oct.30,1963	4						Sand 7; clay 16; sand 24; clay 39; gravel alay 39; hardpan 70; black shale 72. Dry hole.
	Con II		10			Nov. 4,1963	4	21	35	9	Fresh	פ	Sand 8; clay 12; sand clay 25; clay 40; gravel sand 43; hardban 70; black shale 72. Water from 40 to 43.
	Con III	•	3	St.John's Uni- tedBotany Church	R.B. Webster	Oct.22,1960	4	10		24	•	P	Sand topsoil 12; blue clay 60; clay sand 68; clay stones 77; gravel 80; shale clay 82; blue clay 85; shale clay 86; shale 108 Water at 107.
	On III		3	, charen		Jun.28,1961	4	8	30	15	•	P	Sandy topsoil 1°; blue clay 58; blue clay gravel gas 59; gravel clay 60; sand 64; clay sand gravel 65; gravel 66; sand 69; shale 69; gravel 70. Water from 66 to 69 and at 69;
	Con IV		7	W. Galbraith	G. Galbraith	Jun.21,1962	4						Topsoil sand 9;grey clay sand 16;grey clay 51;gas gravel 55; sandy soil 60;grey clay 63;gas gravel 67;hardoan 75;overburden
	Con IV		7	*	•	Jun.28,1962	4						rock 90. Dry hole. Topsoil sand 6; clay 25; sandy clay 62; gas sand 68; hardpan gravel 78; brown black rock 90. Dry hole.
197	On IV		7	G. Galbraith	50	Jul.15,1962	4						Topsoil sand 14; grey clay 59; gas sand 62; sand stones 65; hardpan 74; overburden rock 88. Dry hole.
	Con IV	*	12	F. MacDougall	S. Earl	Jun.18,1963	4	5	42	10	Presh	ם	Red sand 10; blue cley 61; hardpan 66; sand clay 79; black shale 80. Water from 66 to 79.
	Con IV		17	J.M. Campbell		Dec. 7,1963	4	7	40	12	*	D	Sand 10; clay 74; hardban 92; gravel 95%. Water at 92.
	Con V Con V		5	R. Osborne L. Wathy		Oct.29,1963	4	2	75 85	10		D	Sand 9; clay 60; herdpan 77; black shale 93. Water from 77 to 84.
						Nov. 2,1960		1	65	20		, D	Red sand 12; blue clay 30; stones 32; blue clay 74; hardoan 92; gravel 942. Water at 942.
	Con V		11	L. Owens		Apr.22,1963	4						Sand 5; clay sand 14; clay 55; hardoan 81; black shale 92. Dry hole.
	Con V	*	11			Apr.24,1963	4						Red sand 8; clay 48; hardoen 82. Dry hole.
	Con V Con V		11 11		*	Apr.29,1963 Jun.14,1963	4	10	20	7	Fresh	D	Sand 8; clay sand 20; clay 72; fine sand silt 76. Dry hole. Red sand 7; clay sand 26; clay 77; black shale 103. Water from
										*		_	77 to %5.
	Con V Con VI	**	13	W. Markham E. Aukema	R.M. Campbell	Apr.26,1961 Jul.18,1960	4	5	32 40	10 14		D.S	Sand 5; clay 40; hardoon 60; fine sand 79. Water from 60 to 79. Topsoil 3; brown clay 8; blue clay 68; hardoon 76; gravel 77.
	WH 41			E. AUKema	n.n. campuell	Jul.10,1900	7	7	40	14		D,3	Water at 77.
	Con VI	99	10	Ont.Dept. Of Highways	O. L'Ecuyer	Mar.25,1963	7	15	20	18	*	P	Red sand 10; soft blue clay 30; hordpan 70; soft clay 90; grovel 91; brown shale 96. Water at 96.
	Con VI		10	"	E.M.Hernandez	Mar.28,1963	7	1	100	20	"	N	Topsoil 1; sand 12; clay 28; quicksand 80; medium to fine
	Con VI	•	10	•	•	Apr.26,1963	7	11/2	80	12	*	N	demented sand 10%; kettle point shale 138. Water from 102 to 103. Topsoil 1; quicksand 10; blue clay 5%; quicksand 82; med'um to fine sand clay streaks 94; kettle point shale 16%; soapstone
	Con VI		10			May 14,1963	7	20	25	12		P	streaks limestone shale 336. Water from 94 to 96. Topsoil l;quicksand 10;blue clay 70;sandy clay 86;sand 90;
	Con VI	•	14	P. DeBruyn	G. Galbraith	Jun.14,1963	4			20		N	kettle point shale 94. Water at 93. Topsoil 10; blue red clay 74; sandy clay gas 90; hardpan gravel
	∞n VI		14	*	₩.	Jun.25,1963	4	1	98	18		D,S	clay 97; sand rock 105. Water at 105. Topsoil Sand 7; red blue clay 57; gas sand clay 63; red clay 84;

hardpan 87; and hardpan gravel 93; sand gas 95; hardpan clay 96; hard grey rock 100. Water from 98 to 100.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

Loc.	ATION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NT COUNTY												
loward Twp. Con VII			R. Crow	R.N. Campbell	Feb.10,1961	4	5		30	Fresh	D.S	Blue clay 73; quicksand 98; hardoan 101; sand 103; broken shale
Con VIII		13	N. Beecroft	S. Earl	Oct. 4,1961	4	100	93	66		N	104%. Water at 98 and 103. Sand 3; clay 81; fine sand 90; clay 96phardpan 106; medium sand 109; black shale 120. Water from 106 to 109.
Con VIII	,	13	н	*	Oct.10,1961	4	5	52	33	"	D	Sand 3; clay 96; fine sand 102; medium sand 107; black shale 112
Con IX	•	18	B. McCord	*	Nov.29,1961	4	7	92	82		D	Water from 102 to 107. Sand 5; clay 8; gravel 10; clay 94; hardpan 140; medium sand 143; hardpan 168; black shale 172. Water at 143.
Con X	•	12	A.J. Sales	G. Galbraith	Apr.20,1962	4	7	90	80	<b>38</b> 1	D	Topsoil 2; sand 14; blue clay boulders 95; hardpan gravel 110; gas sand gravel 115; gravel hardpan 150; gravel 151. Water fro
Con X	•	13	P. Verbrugge	*	May 2, 1962	4	9	115	110		D,S	149 to 151. Topsoil 2;grey clay 50;boulder clay 135;sandy clay 150; hardpan clay 165;hardpan gravel 168;gravel 170. Water at 168
Con X Con X		16 18		S. Earl R.M. Campbell	Sep. 9,1960 Apr.28,1960	4	7 6	90	86 98		D D,S	Sand 5; clay 98; hardpan 169; gravel 165. Water from 159 to 165 Topsoil 6; rill 128; layers sand clay 156; fine sand 188; hard
Con XI		3	G. Graves	G. Galbraith	Apr. 4,1963	4	4	125	107	**	D,S	gravel 198;gravel 199. Water at 199. Tonsoil 2;grey clay 12;blue red clay 146;gravel clay 158; pink clay 176;black sand 178;black gravel 184;hardoan 191;
Con XI	9	11	C.A. Brien	м	Sep. 6,1962	4	61	130	118	*	D,S	black brown shale 193. Water at 184 and 193. Topsoil 2; ywllow clay 15; red clay 1 0; blue clay boulders 134 clay sand 156; gravel hardpan 177; fine gravel 195; hardpan san
Con XII	•	18	G. DeBruyn	•	Jan.19,1963	4	7		113	*	D,S	197; herdban clay broken shale 230. Water at 195 and 230. Topsoil 4; blue red clay 140; sand clay 173; hardban 186; sand 215; red clay 216; black grovel 217. Water from 216 to 217.
PC		2	B. Dawson	R. Pinsonneault	Dec.27,1963	4	1	55	30	н	D,S	Topsoil 3; blue clay 38; brown clay pebbles 55; sand gravel sil
TRN	•	81	C. VanVugt	G. Galbraith	Jul.16,1962	4	7	145	139	*	D,S	69; black sand 71; shale 71%. Water at 69. Red clay 22; blue clay 110; boulder clay stones 115; red clay 133; clay sand 175; oulcksand 198; sand 228; bluish sand 234;
TRN	•	84	A. Giddis		Sep.19,1963	4	3	145	120		D,S	gravel hardnan 240;gravel 243. Water at 240 and 243. Topsoil sand 12;blue clay 115;sandy gravel hardnan 130;blue clay 145;reddish clay 160;blue clay 165;clay sand 170;gravel hardnan 175;sand 182;hardnan 205;gravel 207. Water at 205.
TRN		92	H. Hall	E. Rumble	May 15,1960	4	10	75	72		D	Black clay 3; yellow clay 18; grey clay stones 146; sand grave: 156; shale. Water from 146 to 156.
TRN		92	H. Hitchcock	P.M. Campbell	Nov. 1,1960	4	3	160	78		D	Brown clay 11; blue clay 148; hardban 160; brown shale 169. Water from 160 to 169.
TRN	9	94	J.C. McKinlay	S. Earl	Oct.18,1962	4	5	100	90		D	Sand 4; stones 8; clay 129; hardpan 130; clay 151; hardpan 164; gravel stones 173. Water from 164 to 173.
TRN		95	*		Sep.19,1962	4	3	90	85		N	Gravel Stones 173. Water from 104 to 173. Clay 3;gravel 8; clay 119; hardpan 166; gravel 168. Water gas from 166 to 168.
TRN	2.0	95			Oct. 9,1962	4						Sand 2; gravel 8; clay 134; hardpan 190; grey shale 217; black
TRN	•	99	H. Trudgen	G. Galbraith	Jul.16,1962	4	4	60	48	Fresh	D,S	shale 242. Dry hole. Grey clay 25;blue clay 70;greyish clay 120;gas sand hardpan clay 135;plnk clay 139;gas hardpan 148;soft blue soapstone
TRN		10	B. Fisher		Sep.18,1961	4	4	105	40		D,S	150; shale gravel 153. Water at 153. Blue clay 110; red clay 145; sandy gravel 152; broken shale
TRS	•	83	W.G. Thompson	R.M. Cempbell	Jan.25,1960	7	5	160	130	•	D	scapstone 154. Water at 154. Gravel 26; stones clay 138; sand 190; clay 210; sand gravel 224 hardpan 234; broken brown shale 235; solid brown slate 240. Water at 235.
TRS	•	90	M. Rybansky	G. Galbraith	Mar.27,1962	4	2	100	70	,	D,S	Topsoil 3; boulder clay 108; red clay 135; blue clay 145; hardp gravel gas 153; black shale 173; soapstone shale 203; soapston 207; brown shale 215. Water at 153.

1	KENT COUNTY - C												
	Howard Twp	lot	91	D. Trudgen	R.M. Campbell	Dec. 7, 1960	4	5	100	55	Fresh	ם	Loam 3; brown clay 10; silty blue clay 120; sand 122; clay 138; cemented gravel 140; clay 146; hardpan 147; brown broken shale 149. Water at 147.
	TRS	*	100	L. Neville	G. Galbreith	Nov.1, 1963	4	3	60	48	•	מ	Topsoil 2;grey clay 18;blue clay 94;black shale gravel gas 102;pink clay 141;hordpan gas 149;soapstone shale 153;grey
	TR		3	L. Horvath	E. Rumble	Apr. 1,1962	3	8	100	94	*	D,S	shale 155. Water at 153 and 155. Stony red clay 12;grey clay stones 174;sand gravel 186; slate. Water from 174 to 186.
	TR	•	19	C. Reid	R. Pinsonnesult	Aug.16,1963	4	21	70	21	*	פ	Topsoil 2; yellow clay 12; blue clay 75; gas sand gravel 76; shale 84. Water at 75 and 78.
	TR	*	23	J. Robertson	R.B. Webster	Jun. 2,1960	4					İ	Sandy topsoil 5; blue clay small stones 42; gravel 45; blue clay 47; clay gravel gravel gravel 67; sand 78; clay 79; sand 64; chale 90. Dry hole.
	TR	•	23	•		Jun.15,1960	4			11	Prech	Й	Sandy topsoil5; blue clay 38; blue clay grovel 40; gravel sand 42. Weter at 40.
	TR	•	23		•	Jun.18,1960	4	5	16	11	•	0,5	Sandy tonsoil5;blue clay 31; clay small stones gas 42; clay grave) 48; gravel. Water at 48.
	TR	•	23	•	•	Aug.16,1961	4			14	•	И	Sandy tops:11 10;brown send 40;blue clay 41;blue clay stone 51;sand clay stones 53;gravel sand 78;clay stone 80;shale 88. Water from 53 to 78.
	TR	*	26	N. Pilbey	•	Oct. 5,1960	4	21	11	11	•	D,S	Topsoil 8; blue clay 38; gravel stone clay 42; clay gravel 60; clay stones 62; gravel 63. Water at 62.
199	Indian Reserve RR		47. 27	C. Jacobs	Water Resources	Mar.21,1961	5	₹ŧ	149	30	Presh	D	Sand silt 6; clay 16; clay bebbles 69; clay hardban 79; hardban gravel 81; hardban 86; sand brown fine gravel 91; brown sand 92; hardban 105; dark grey shale 120; grey shale 137; brown limestone 138; grey shale 142; soft soapstone 149. Water at 79, 87 and 137.
	Oxford Twp.	lot	5	A. Kegels	S. Earl	Apr.25,1960	4						Red sand 8; blue clay 75; hordoan 78; black shale 84; grey shale 85. Dry hole.
	Con A	•	5	•		Apr.29,1960	4	8	21	14	Fresh	N	Red sand 3; blue clay 60; fine black sand 63; hardman 75; black shale. Water from 60 to 63.
	Con II	•	2	R. McCallister	•	Nov.13,1961	4	6	132	122		D	Sand 3;gravel 10; clay 134;gravel sand 142;hardban 145;gravel 152. Water at 134 and 145.
	Con III		1	J. Janosek	R.M. Campbell	Peb.21,1960	4	7	112	105		D	Plack soil 4; clay stones 110; sand 152; clay send 180; gravel 190. Water from 190 to 190.
	Con III	•	3	A. Vickery		May 20,1960	4						Losm 8;fill 132;sand clay 190; clay hardban 217; brown shale slate 232. Dry hole.
	On III		3	•	S. Earl	Nov.20,1961	4	5	124	108	Fresh	ם	Clay 110; fine sand 140; coarse sand 143. Water from 140 to 143.
	Con IV	•	12	S. Jay	G. Gelbreith	Nov.14,1962	4	6	100	92	•	D,S	Topsoil 8; red clev 25; blue cley boulders 112; coerse gravel stones gas 120; sand gravel 150; end 160; fine gravel 162; coerse gravel 163, Water from 160 to 163.
	Con IV	•	13	Oxford Fermers Co-op	W. Marsh	Jul.16,1962	5	12	90	85	•	P	Coarse gravel sand fill 8; red clay stones 23; grey clay stones 155; medium fine sand 167; gravel 176. Water from 155
	Con IV	•	14	W. Powler	G. Galbreith	Oct.22,1962	3	5	90	82	•	פ	to 176. Topsoil 2;red clay 30;b'ue clay 100;brown clay stones 134; har pan 145;pink clay 170;sand fine gravel 177;gravel 178.
	Con V		11	W. Hastings	R.M. Campbell	Now.28,1960	4	ų	150	93		D,S	Water from 177 to 178. Topsoil gravel 13; blue clay 140; sand 146; blue clay 142; fine sand 164; hardpan 180; cemented gravel 183. Water from 1°0 to 183.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

Lo	CAT	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NT COUNTY rford Twp Con VI		- cont	•	D. Hastings	G. Galbreith	Oct.11,1963	4	31	120	90		N	Blue grey clay 127; red clay 147; sandy clay 149; gravel 150;
					G. Galbiaith								hardnen sand 153; quicksand 159; hardnen clay 164; clay sand 174; sand 185; hardnan clay 194; gravel sand 195.
On VII			7	W. Sterling	•	May 8, 1963	4	6	75	65	Fresh	D,S	Topsoil sand 12; blue clay 100; bink clay 113; sandy gravel 127; hardban 141; gravel 143. Water at 143.
On VIII			4	A. Manning	R.M. Campbell	Jan.11,1961	4	5	40	40		D,S	Topsoil sand 75; silt 90; fine sand 95; sand gravel 104; hardon 105; coarse gravel 106. Water at 95.
On VIII			13	P. Littlejohn	•	May 31,1961	4	4	140	95	•	D,S	Topsoil sand 3; blue clay 127; red clay 135; blue clay 167; hardpan 180; gravel 197; hardpan 201; brown rock 212. Water from 201 to 212.
Con VIII			20	H. Goodbrand	*	May 3, 1961	4	5	125	105		D,S	Topsoil sand 16; blue clay 135; red clay 160; hardpan 165; sand 170; hardpan 180; coarse loose gravel 187; gravel 191. Water at 127 and 191.
Con IX			16	B. Shepply	•	Apr.13,1961	4				Salty	N	Topsoil sand 16; blue clay 105; red clay 115; quicksand 135; sand gravel 143; gas sand 145; hardpan gravel 178; fine gravel.
Con X		*	22	A. Simpson	W. Mersh	Dec.20,1962	6 <del>1</del>					N	Topsoil sand 3; or evel 18; blue clay 40; herdoen 135; fine sand 145; herdoen gravel 162; sand gravel 218. <b>Salty</b> water from 162 to 218.
On XI		-	1	W. Reynolds	R.M. Campbell	Jan. 5,1961	4	1/2	114	25	Fresh	S	Topsoil sand 12; brown clay 65; blue clay 80; hardban 96; sand gravel 101; brown shale 107; spapstone 110; brown shale 115. Water at 96.
∞n XII		•	4	F. Welch	S. Earl	Dec.13,1963	4	1	80	20	*	N	Sand gravel 9; clay 92; hardpan 102; gravel sand 103; hardpan 120 black shale 123. Water at 102.
Con XII		٠	24	L. Ashton	R. & V. Lather	Apr. 6,1962	4	5	79	75	Sulphur	D,S	Sand ?; red clay 79; hardpan 87; fine sand 92; hardpan 102; sand gravel 112. Water at 87 and 102.
©n XII		•	25	G. Cowan		Mar.24,1962	4	5	79	75	Presh	D,S	Sand 2; grey clay 63; hardpan 82; fine sand 98; fine sand gravel 106; fine gravel 109. Water at 82.
Con XII		*	26	D. Dickson		Feb.28,1961	4	6	81	79		D,S	Sand 4; clay 55; hardpan 93; fine sand 100; hardpan 124; sand gravel 127. Water from 124 to 127.
On XIII			26	P. Downie	•	Apr.21,1962	4	6	77	75	Sulphur	N	Grey clay 65; hardpan 120; fine sand silt 121; hardpan 175. Water at 120.
Con XIII			26	•		Apr.27,1962	4	6	74	72	•	p,s	Grey clay 57; hard sand 68; hardnan 88; gravel hardpan 90. Water at 88.
On XIII			26	•	*	Jun.10,1962	4	4	86	72	Fresh	D,S	Previously drilled 90; hardpan 110; sand 112; hardpan soft
MRN			2	E. Eastlake	G. Galbraith	Dec. 6,1961	4	5	90	71	*	D,S	streaks 134. Water at 131. Topsoil 2; b'ue clay 110; gravel 115; gas sand 123; coarse sand
MRS		•	1	0. Taylor	H	Nov.26,1962	4	6	55	47		D,S	167; loose coarse gravel 171. Water from 123 to 171. Topsoil sand 7; blue clay 80; sand gravel 86; pink soft clay 96.
MRS			2	C. Ousterhout		Aug.22,1961	4	5	60	47	•	D,S	Water from 80 to 86. Topsoil sand 7;blue clay 112;hardpan 118;red clay 128;fine
MRS			8	R.A. Pavan	R.M. Campbell	Feb. 4,1960	4	5	140	110		D,S	gravel 135. Water at 128. Brown clay 9; clay stones 122; gravel 124; clay 135; gravel sand
MRS		•	9	J. Gillerd	G. Galbraith	Nov.23,1963	4	6	125	114	•		155. Water at 155. Topsoil 9;yellow clay 95;boulder clay 115;yellow clay 1262; hardban 128;fir a sand 140;hardban 155;coarse fine gravel
MRS			10	E. Antice	•	Oct.12,1962	4	5	128	118		D,S	gravel 147; sandy clay sands 208; gravel sand 215; h rdnan grave
MRS			18	C. Johnston	S. Earl	Apr.17,1963	4	4	118	116	•	כ	sand 222; clay 225. Water at 145, 147 and 222. Sand 5; gravel 11; clay silt 138; hordban 174; sand 192; hordban 2°2; gravel 210. Water from 202 to 210.

В	ENT COUNTY - c	ont											
	Orford Twp			Imperial Oil	O. L'Ecuyer	Dec.19,1962	4	1	130	85	Fresh	P	Hard clay 122; soft clay fine sand 148; hardpan 150; gravel 153.
	TRN		65	R. Guyitt	G. Galbraith	Feb. 6,1962	4						Water at 152. Topsoi: 6; sandy red blue clay 100; sandy clay 136; red clay
	TRN		65			Mar. 8,1962	4	2	75	35	Fresh	D,S	145; hardpan 152; soapstone 170. Dry hole.  Topsoil 3; blue clay 25; reddish clay 86; sand red clay 144;
	TRN		73	H. Lippert	S. Earl	Aug.16,1962	4	6	100	95		N	hardnen gas gravel 155; gravel 159. Water at 155 and 159. Clay 117; hardnen 188; gravel sand 190; hardnen 205. Water
	TRN		73	•	•	Sep.12,1962	4	5	95	85	·	D	from 188 to 190. Sand 4;gravel sand 6;clay 68;hardoan 198;gravel 200. Water
	TRS		56	N.H. McColl	G.L. McGaffey	Jen.15,1963	4	10	50	18		D	from 198 to 200. Grey clay 147; hardban 149; gravel 156. Water from 150 to 156.
	Deleteb Men												
	Raleigh Twp.	10	t 5	C. Lecocq	G. Newham	Oct.16,1961	5	16	50	18	Fresh	D,S	Yellow clay 15; blue clay 100; gravel 107; black shale 115.
	Con A		8	K. Mulder	O. L'Ecuyer	May 4,1960	4	4	18	7		ם	Clay 7; sand 9; clay pebbles 81; sand gravel 82; black soft shale 83. Water at 83.
	Con Z	*	16	R. Filby	G. Rice	Jul.28,1960	4				-		Yellow clay 10; blue mud 40; sand gas 41; blue mud 82; sand 84; light rock 94. Dry hole.
	Con A	**	16			Aug. 1,1960	4	1	65	8	Fresh	פ	Yellow clay 10; blue clay 50; soft blue mud 80; coarse gravel broken shale 81. Water at 81.
	Con A	110	18	B. Battram	*	Oct.23,1963	4	10	30	8		С	Yellow sand 10; blue clay 40; grey mud 68; black broken shale. Water at 68.
201	Con A Con VIII	**	19 7	C. Baker H. Keil	M.Hernandez&Sons	Aug. 8,1962 Apr.10,1961	7	3 2	50 80	25 16	**	D,S D,S	Yellow sand 10;blue mud 68;sand 71;shale 72. Water at 72. Topsoil 1;clay 98;fine medium sand 102;kettle point shale 104. Water from 99 to 102.
	Con VIII		10	H. Morris Jr.	O. L'Ecuyer	Apr.27,1960	4	3	90	10	*	פ	Clay 4; clay gravel 55; sandy clay 56; clay pebbles 76; gravel sand 78; gravel sand 83; sandy shale 85; blue shale 90. Water at 85.
	∞n VIII	**	12	J. Cempbell	G. Rice	Aug. 9,1960	4	2	22	8	•	D	Yellow clay 10; blue clay gas 45; blue mud 60; soft light coloured mud 73; sand gravel 75. Water at 75.
	Con VIII Con VIII	**	23 23	J. Chittim	R. Pinsonneault	Dec. 4,1963 Dec.20,1963	4	1	30	20		D,S	Topsoil 2; yellow clay 12; brown clay pe bles 95. Dry hole. Topsoil 2; yellow clay 12; brown clay pebbles 37; white sand
	Con VIII	**	25	J. Phillips	G. Rice	Jun.21,1963	4	91	93	18	Salty	D	silt 40. Water at 37. Yellow sand 10; soft outcksand 20; blue mud 40; sand 92; heavy sand 93. Water from 92 to 93.
	Con IX	w	23	J. Chittam	R. Pinsonneault	Sep. 7,1963	4				Salty	N	Topsoil 3; blue clay 112; scapstone 116; gas sand salt 1162; scapstone 145. Water at 116.
	Con IX	**	25	B. Osterbrook		Sep.19,1963	4	3	50	23		D	Topsoil 2; yellow clay 14; brown clay pebbles 70; sand gas 75; clay pebbles 80; shale 81. Water at 80.
	Con X		19	L. Butler	C.& M. Johnston	Aug.16,1963	4	2 3	30	22	Fresh	D	Yellow clay 15; blue clay stone 25; clay small stones 95: blue clay small stone 99; gravel 100. Water from 99 to 100.
	Con X Con XI	**	23 1	T.C. Wright J. Wood	D. Lecuyer	Oct.25,1962 Aug.12,1962	4	21/2	75	48	Fresh	D	Clay pebbles 124; soapstone 140. Dry hole. Clay 80; clay pebbles 128; sand 134; greenish shale 137; black shale 138. Water at 138.
	Con XI Con XI	*	2 9	H. Seney A. Kay	G. Rice	Jul. 5,1961 Nov.18,1963	4 4	6 5	85 43	48 32	*	D D	Yellow clay 10; blue mud 131; sand 135. Water at 135. Yellow clay 10; blue mud 60; grey mud 99; black shale. Water at
	Con XI		24	E. Clevland	H. English	Apr.19,1960	4	2	67	56	•	D	99. Tellow clay 15;blue clay 86;fine grey sand 87;blue clay 124; fine grey sand 132;black coarse sand 134;black shale 135.
	Con XI		25	F. Theuns	G. Rice	Jan. 4,1960	4	1	84	25	•	č	Water at 135. Yellow clay 12; blue mud 60; sand 61; blue mud 97; shale 99. Water at 99.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCAT	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ENT COUNTY - Raleigh Twp. Con XI	- 001	nt.	F. Theuns	G. Rice	Jul.18,1962	4						Yellow clay 12; blue mud 60; sand 61; blue mud 101; shale 107.
Con XI	•	25			Jul.24,1962	4						Dry hole. Yellow clay 12;b'ue mud 60;sand 65;blue mud 103;shale. Dry
Con XI		25	L. English	H. English	Oct.30,1963	4	6	48	60	Fresh	D	hole. Yellow clay 12; blue clay stones 120; hardpan fine sand 125; quicksand 127; gravel 128. Water at 128.
On XII On XII		1	B. Wright D. Sparks	G. Rice H. English	Sep.21,1961 May 10;1963	4	1 ½	90 75	40 48	:	D D	Yellow clay 10; blue mud 129; sand 132. Water from 129 to 132 Yellow clay 12; blue clay 111; gravel 112; black shale 120; coarse sand 122; black shale 128; coarse sand 134; gravel 136.
On XII		6	E. Ward	G. Rice	Aug. 7,1962	4	3	80	50		D	Water at 136. Yellow clay 10; blue mud 98; sand 125; grey mud 142; shale 144;
On XII		12	J.R. Vincent	•	Sep.14,1962	4	4	50	33	•	D	Water at 144. Yellow sand 10; blue mud 127; gravel 129; shale 130. Water at 130.
Con XII	**	18	C. Russell	R. Pinsonneault	Oct.29,1962	4	2	177	60	•	N	Brown clay 2; yellow clay 10; blue clay 164; soapstone 171; sar silt 177. Water from 171 to 177.
Con XII	٠	19	L. Russell	H. English	Jun.12,1962	4	3	110	76	•	D	Yellow clay 12; blue clay stones 46; gravel 47; blue clay stor 151; sand hardpan 158; fine gravel 163; soapstone 172. Water s 172.
∞n XII		22	A. Walker	E. Rumble	Aug.30,1963	4	1	110	68		D	Topsoil 2; stony blue clay 146; blue shale soapstone 158; grey
Con XII		22		•	Sep. 6,1963	4	11	75	64		D,S	limestone 172. Water at 171. Black soil 2; stony blue clay 146; blue soapstone shale 156;
Con XII	n	25	M.Pettypiece &	G. Rice	Feb. 3,1960	4	1 1/2	110	55		D	grey limestone 162; soapstone. Water at 162. Yellow clay 12; blue mud 80; sand 95; soft blue mud 127; beach
On XII		25	H. Coleman D. Scafe	R.M. Campbell	Aug.12,1960	4	4	40	29		D	sand 128;gravil 129. Water at 129. Brown clay 8;blue clay 121;hardpan 131;brown shale slate 138. Water at 131.
Con XII		25	A.F. Holmes	•	Aug.24,1960	4	4	40	27		D	Brown clay 7; blue clay 120; hordpan 129; hordpan slate. Water
Con XII	*	25	B. Haskell	G. Rice	Jun.29,1961	4	2	90	53		D	at 129. Yellow clay 12; blue clay 108; sand gravel 122; gas 123; sand
∞n XII	•	25	J. Broeders	D. Lecuyer	Feb. 1,1962	4	3	80	58		כ	gravel 126½. Water at 126½. Clay pebbles 125;gravel clay 129;gravel loose shale 130; black shale 130%. Water at 130.
Con XII	•	25	C. Bushy	R. Pinsonneault	May 2, 1963	4	7	67	63	*	D	Tonsoil 2; yellow clay 16; brown clay 85; gas sand 95; clay pebbles 123; sand 133; shale black sand 133; Water from 123
Con XII		25	R. Sykes	•	May 30,1963	4	8	73	63		D	1331. Topsoil 2; yellow clay 16; brown clay 112; loose black shale 1
Con XII		25	•	•	Меу 22,1963	4						soapstone 11°; shale 123; soapstone 125; shale 133. Water at 1 Topsoil 2; yellow clay 16; brown clay 121; hard black shale 12
Con XII		25	L. Demers	D. Lecuyer	Oct.24,1963	4	3	70	65	Fresh	D	sand soapstone 127. Dry hole. Clay 92; black gravel 94; clay 11°; coarse gravel 126; shaly fi
Con XIII	**	17	A. Cammaert	G. Newham	Mar.24,1962	5	8	40	19	Salty	D,S	gravel 127; greenish black mock 132. Water at 132. Yellow clay 15; blue clay 40; quickrand 90; gravel blue clay 1 quicks and 125; blue clay gravel 160; gravel 170; blue clay 172
On XIII		19	C. Hussell	R. Pinsonneault	Oct. 6,1962	4			10	Fresh	N	fine sand gravel 179; black shale 180; gravel 182. Water at 1 Brown clay 2; yellow clay 10; blue clay 157; silt sand 158; san
Con XIII		19			Oct.13,1962	4						167; snapstone 1°5. Water at 157. Brown clay 2; yellow clay 10; blue clay 157; gas sand 162;
Con XIII		19			Oct.20,1962	4			75	Fresh	N	soanstone 194. Dry hole. Brown clay 2; yellow clay 10; blue clay 157; gas sand silt 150
Con XIII		19	L. Russell	H. English	May 28,1962	4						blue clay 195, Gas and water at 157. Yellow clay 12; blue clay 25; soft clay stones 155; coarse say 157; soft soapstone 190. Dry hole.

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Raleigh Con XI		lot	19	C. Russell	R. Pinsonnesult	Jun. 7,1963	4						Prown clay 2; vellow clay 10; blue clay 157; sand 167; soapstone 205. Dry hole.
⊙n XI	II		19		•	Jun.14,1963	4	4	145	80	Selty	s	Brown clay 2; yellow clay 10; blue clay 163; sand 167; soapstone
TRR			139	E.M. Warwick	M. Hernandez&Sons	Jan.24,1961	7	16	90	80	Fresh	D,S	183; corres sand. Water at 183. Sand 1; sand gravel 28; blue clay 166; kettle point shale 190;
TRS EE	con I		20	P. Vis	D. Lecuyer	Мэу 20,1961	4						limestone 207. Water at 170. Clay 10; sand 11; clay 56; clay rebbles 67; gravel sand 68; black
TRS EE	Con I	ı "	20		*	May 12,1961	4						shale 70. Dry hole. Clay 7; sand 10; clay pebbles 66; sand clay 67; gravel sand clay
TRS E	Con I	· ·	20		-	May 16,1961	4						68; soft block rock 75. Dry hole. Clay 11; sand 13; clay 50; clay pebbles 55; clay 67; gravel 68;
TRS EE	Con I	· •	20		*	May 25,1961	4						black greenish shale 70. Dry hole. Clay 11; sand 13; clay pebbles 58; gravel clay 66; gravel sand 6
TRS ER	Con I	I "	20	G. Maine	"	Apr.18,1963	4						black shale 70. Dry hole. Clay 15; sand 17; clay 42; clay gr vel 67; gravel 73; greenish
TRS EE	Con I	· I	20			Apr.22,1963	4						shale 78. Dry hole. Clay 15; sand 16; clay 40; clay gravel 65; sand gravel 75; gr vel
TRS EF	Con I		20			Apr.27,1963	4						Clay 78; greenish shale 80. Dry hole. Clay 14; sand 15; clay 42; clay gravel 66; gravel sand 68; black
TRS EE	Con I		20		ж .	Apr.30,1963	4						shale 72. Dry hole. Clay 15; sand 16; clay 40; clay gravel 65; sand gravel clay 68;
TRS EF	Con I		20			May 4, 1963	4	2	55	10	Fresh	ם	black shale 71. Dry hole. Clay 15; sand 16; clay 42; clay gravel 66; sand gravel 68; black
	Con I		21 22	A. Birkby W. Labadie	G. Rice D. Lecuyer	May 14,1963 Dec. 5,1962	4 4	21	66	30	77	D,S	shale 74. Water at 68. Yellow sand 10; blue mud 45; grey mud 64; sand 66. Water at 66. Clay 16; sand 17; clay pebbles 64; dirty gravel 65; black shale
TRS EE	Con I	II *	22			Dec.18,1962	4						70. Dry hole. Clay 15; sand 17; clay rebbles 63; sand gravel 65; black shale
TRS EE	Con I	II "	22	**		Dec.28,1962	4						68. Dry hole. Clay 15; sand 17; clay bebbles 62; gravel sand clay 65; black
TRS EE	Con I	II *	23	**	9	Jun.19%1962	4	3	40	10	Fresh	D	shale 70. Dry hole. Clay 10; sand 19; clay 55; sand gravel 64; gravel 65; blac' shale
TRS EF	Con I	II *	24	E. Massey	R. Pinsonneault	Oct. 4,1963	4	5	40	15		D	66. Water at 65. Tonsoil 2; vellow sand 10; hlue clay 56; white sand 57; gravel
TRS EE	on I	V #	<b>?</b> 4	J. Kausic	S. Zimmer	Aug.29,1960	4	2	60	35		С	58. Water at 56. Red sand 12; soft blue clay 57; gravel clay 68; ouicksand 69;
	Con I			"	J.E. Smith	Sep.18,1961	4			13	**	N	black shale 75. Water at 69. Sand 4; blue clay 62; sandy silt 70: Water from 62 to 70.
TRS EE	Con I's	7 *		-		Sep. 20,1961 Sep. 2,1961	4	5	20	12	Frësh	D,S	Sand 4; blue sand 70; shale 85. Dry hole. Sand 4; blue clay 62; coarse sand 70; shale. Water at 62.
TRS EE	Con I	A M	24	D. Warren	C. Warren	Jun. 3,1963	5	6	40	33	N	Ď	Blue clay 40; gravel blue clay 50; clean gravel 54. Water from 50 to 54.
WB	Con I		4	C. Vince	D. Leouyer	Jun.26,1962	4	2	65	9	,	N	Clay 17; sand 19; clay rebbles 71; sand 72; black shale 78. Water
WB	Con I		4	•	#	Sep. 6,1962	4	1/2		9	*	N	at 72. Clay 17; sand 19; clay pebbles 67; clay gravel 70; sand 71; black
WP	Con I		4	**	*	Sep.17,1962	4	4	9	9	*	D	shale 77. Water from 70 to 71. Clay 18; sand 19; clay pebbles 68; sand gravel 70; black sand
WB WB	Con II		6	G. VanBolhuis G. Robbins	G. Rice	Oct.13,1961 May 23,1960	4 4	1 ½ 7	20 66	12 20		D D	Shale 71. water at 70. Yellow sand 10; blue clay 67; sand 71; shale 73. Water at 71. Black sand R; soft blue mud 40; outcksand 66; hard grey rock
WB WB	Con I		9	W. Parker	" "	Nov. 4,1961 Nov. 16,1961	4 4 4						66. Water at 66. Yellow clay 10; blue clay 67; outcksand 70; rock 73. Dry hole. Yellow clay 10; blue clay 67; quicksand 70; shale 71. Dry hole.
WB WB	Con II		9	11	н	Nov.22,1961 Nov.30,1961	4						Yellow clay 10; blue mud 67; quicks and 69; rock 70. Dry hole. Yellow clay 10; blue clay 67; quicks and 70; rock 72. Dry hole.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATI	ON	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	2210	T.EVET.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY - igh Twp. Con II Con II Con II	- c	ont	9	W. Parker	G. Rice	Mar.26,1962 Apr.18,1962 May 4. 1962	+++	21/2		12	Presh	D	Yellow sand 10; blue clay 68; sand 76; rock 78. Dry hole. Yellow sand 10; blue clay 60; sand 67; rock 69. Dry hole. Yellow sand 10; blue clay 66; gravel shale 68. Water from 66 to
WB	Con II	3		11	A. Williams		Apr. 6,1961	4	1 1	50	25	•	D,S	Yellow sand 10; blue mud 56; quicksand 62; gravel 63. Water at
WB	On II	1		12	L.VanRaendovak		Mar.27,1961	4	11	50	25		ם	63. Yellow sand 10;blue mud 56;quicksand 62;gravel 63. Water at
WB	Con II	)	H	12			Mar.29,1961	4	12	50	25	*	D	Yellow sand 10; blue mud 56; auicksand 62; gravel 63. Water at
WB	Con II	7		12	C. Amels	D. Lecuyer	Jun.28,1962	4	21/2	45	13		ם	Clay 16; sand 17; clay 50; clay nebbles 5°; sand gravel 60; black
WB	∞n III	,		7	O. Williams	G. Rice	Jan. 3,1962	4						shale 61. Water at 60. Black loam 2; sand 12; blue clay 60; quicks and 67; brown shale
WB	Con III		н	7	•		Feb. 8,1962	4	20	21	11	Fresh	D,S	69. Dry hole. Black loam 2; sand 12; blue clay 57; outcksand 60; shale 61.
WB	Con III		*	13	A. Fleming	C.& M. Johnston	Oct.28,1963	4	2	26	19		D,S	Water at 60. Sand clay 13; sand 14; clay 43; small stone clay 56; gravel sand
WB	Con III		**	18	J. Murray	D.C. Simpson	Jan. 4,1963	4	4	30	21		N	61; shale. Water from 56 to 61. Clay loam 3; sand 9; gravel clay 46; hardban 53; gravel 58; black
WB	Con III	9		1 ?		*	May 27,1963	4	5	31	21	•	D	shale 66. Water at 53. Clay loam 3;sand 9;clay 48;clay gravel 52;hardpan 56;clay
WB	Con III	)	н	18	J. Huff	R. Pinsonneault	Oct. 8,1963	4			15	*	N	gravel 59; shale 61. Water at 58. Topsoil 1; yellow clay 12; brown clay 57; hardpan 63; fine sand
WB	Con III	)	#	18			Nov.30,1963	4			15		N	64; black shale 66. Water at 63. Topsoil 1; yellow clay 12; brown clay 57; clay gravel 64; silt
WE WB WB	Con IV Con IV Con IV	3	# #	3 8 8	C. Seareda R. Myers	G. Rice	Jul.25,1963 May 29,1961 Jun. 6,1961 Jul.12,1961	4 4 4 7	20	70 90	8 45	" Presh		sand 66. Water at 64. Yellow clay 12; blue clay 75; sand 77%; rock 78. Water at 78. Yellow clay 8; blue mud 69; sand 73; black shale 75. Dry hole. Yellow clay 8; blue mud 69; sand 75; black shale 81. Dry hole. Sand topsoil 12; blue clay 76; gravel sand 86%; black shale 105.
WB	Con IV	8	*	8	R. Myers	H. McDonald	Aug.23,1963	4						Water from 96 to 99. Topsoil 2; brown clay 15; blue clay 60; brown clay gravel 68;
WB	Con IV	,		8			Aug.25,1963	4						black shale 78. Dry hole. Tonsoil 2;brown clay 14; blue clay 62; brown clay gravel 69;
WB	Con IV	1		8		*	Aug.31,1963	4	11	67	67	Fresh	מ	black shale 85. Dry hole. Topsoil 2;brown clay 15;blue clay 63;brown clay gravel 70;
WB	∞n IV	1		12	T. King	D. Lecuyer	Feb.14,1962	4	1	78	13	•	D	black shale 82. Water at 67. Clay 12; sand 15; clay 53; clay pebbles 68; sand gravel 70; green
WB WB	Con V	3		6 6	J. Dhondt		Jul. 1,1961 Jul. 4,1961	4						black scapy shale 77; greenish black shale 78. Water at 78. Clay 68; loose gravel shale 69; black sandy shale 74. Dry hole. Clay pebbles 67; loose gravel shale 69; soft black shale 74. Dry hole.
WB	Con V Con V		H	6 6	"	D. Lecuyer	Jul. 8,1961 Apr.13,1963	4	2 ½	50	12	Fresh	D	Clay perbles 69; black shale 73. Dry hole. Clay 58; clay grovel 65; gravel sand 66; black loose shale 67; black shale 69. Water at 69.
WB	Con V	,		10	A. Suter	G. Rice	Feb.18,1960	4						Yellow clay 10; blue mud 72; fine sand 73; limestone shale
WB	Con V	,	**	10	•	*	Feb.24,1960	4						scepsione 7°. Dry hole. Yellow clay 10; blue mud 63; sand 65; shale 69; scepsione 70.
WB	Con V	,	•	10	•	*	Apr.19,1960	4						Dry hole. Yellor clay 10; blue mud 69; gravel gas 70; hard grey rock 76.
WB	Con V	,	•	10	п	*	Apr.25,1960	4						Dry hole. Yellow clay 70; sandy clay 71; hard grey rouk 75. Dry hole.

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Ra]		gh T Con		- cor		A. Suter	G. Rice	Apr.28,1960	4						Yellow clay 10; blue clay 67; sendy clay 70; hard grey rock 75.
WI	В	Сon	٧		10	E. Mann	•	Oct.12,1963	4						Clay 10; blue mud 30; grey mud 73; beach sand 762; soapstone 792.
WI	В	Con	V		10		•	Oct.16,1963	4						Dry hole. Black clay 10; blue mud 30; grey mud 73; quicksand 76; soapstone
WI	В	Con	A		13	A. Kacer	C.& M. Johnston	May 30,1963	4	2 }	17	15	Fresh	D,S	79%. Dry hole. Topsoil 1; yellow sand 7; clay 12; sand 17; clay 58; sand 60.
WI	В	Con	V		13	-	•	Aug.23,1963	4			15	-	N	Water at 17 and from 58 to 60. Gas at 57. Topsoil lypellow sand 7; clay 12; sand 17; clay 47; gas 48; clay
WI		Con Con		:	17 17	L. Kerr	D. Wade	Nov.17,1961 Nov.20,1961	4 4	1	83	26	Fresh	s	gravel 58; shale 72. Water at 17 and from 58 to 59. Sand 4; grey clay 45; hardnan 72; black shale 91. Dry hole. Sand 4; grey clay 40; sand gas hardpan 71; gas sand black shale 96. Water at 82.
WE	В	On	V		18	D. Wilcox	G. Rice	Aug. 7,1963	4	11	45	18	•	D	Yellow sand 10; blue mud 40; sand gravel stones gas 54; outcksend 64; lake gravel 70; hard gray rock 77; Water at 692.
WI	В	œη	VI		1	N. Turner	S.H. Smith	Jul. 8,1961	3	1	40	12	•	ם	Topsoil 2;herdpen 14;blue clay 83;silty send gravel 85. Water from 83 to 85.
WI	В	Φn	VI		1	G. Turner	D. Lecuyer	Jul.15,1962	4	1	100	9		D	Clay 60; clay sand 70; clay peobles 90; sand gravel 90; medium gravel 93; black shale 100. Water at 92.
WI	В	Оσп	VI		1	P.VanKirkhoven	-	Jul.26,1962	4	3	15	9	•	מ	Clay 18; sand 20; clay RO; sand gravel 90; black shale 91. Water at 90.
WI	В	Con	VI		2	R. Moore	G. Rice	Mar.20,1961	4						Tellow clay 10; heavy blue mud 45; white mud 79; brown shale 89. Dry hole.
WI	В	Con	VI		5	Ont.Dept.of Highways (401)	*	Feb.16,1961	4	1		16	Fresh	D,S	Yellow clay 10; soft blue clay 71; soft light clay 77; sand 78. Water at 7°.
WI	В	Con	VI		5	N. Vince	•	Mar. 3,1961	31/2	10	40	14	**	ם	Yellow clay 10; blue clay 70; soft light clay 78; sand 80. Water at 80.
WE	В	œη	VI	*	5	Ont.Dept. Of Highways (401)		Peb. 9,1961	4						Yellow clay 10; blue clay 71; soft light clay 81; rock 92. Dry hole.
WE	В	Con	VI		7	B. Howard	D. Lecuyer	Jun.27,1961	4	4	12	12	Fresh	ם	Clay 37; gravel sand 39; clay nebbles ?7; sandy clay 78; sandy shale 79; black soft shale 80. Water at 80.
WI	В	œn	VI		10	A. Suter	G. Rice	May 2, 1960	4	₹ 2	74	17	•	D,S	Topsoil 2; yellow clay 11; blue clay 70; white silty clay 74; fine white sand 74½; rock . Water from 74 to 74½.
WI WI		Con			16	M. Slade L. Sneider	D. Lecuyer	May 4,1962 May 6,1963	63	3	60	18	-	D	Yellow sand 10; blue clay 66; gravel shale 68. Water at 68. Clay 71; clay gravel 72; black shale 75. Dry hole.
WE	В	Con	VII		16		G. Rice	May 9,1963 Sep.17,1963	63 62 4	1 12	75 35 29	50 8	Fresh	D.S	Clay 70;gr vel 72;black shale 75. Water at 72. Yellow sand 10;blue mud 60;gravel 69. Water at 69.
WI		Con		•	17	H. Clarke		Aug. 16, 1963	4	10	29	8	•	D,S	Yellow sand 10; blue mud 68; sand 70; hard black rock 77. Water at 77.
WE WE		Con			17	L. Schneider		Nov.22,1963 Dec.19,1963	4						Yellow sand 10; blue mud 62; sand gravel 70; shale 81. Dry hole. Yellow sand 10; blue mud 60; sand gravel 69; shale 80. Dry hole.
WE		Con		*	18	B. Anderson	D.C. Simpson	Jan. 4,1963	4	31/2	30	17	Fresh	N	Clay loam 2; sand 8; grey clay 47; clay gravel 70; gravel 74; hardpan 75; black shale 78. Water at 70.
WE	В	Con	VII		18	•	•	Jan. 8,1963	4						Clay loam 3; blue clay 14; clay gravel 46; sand 56; blue clay 76; black shale 80. Dry hole.
WE	3	On	VII		18			Jan.11,1963	4	71	23	16	Fresh	P	Clay loam 3; grey clay 15; grey clay gr vel 74; grevel 76; black shale 80. Water at 74.
WE	3	Con	VII		18			Jan.15,1963	4						Clay loam 2;grey clay 14; clay gravel 53; sand 59; clay gravel 76; gravel 78; black shale 81. Dry hole.
WE	В	Con	VII		18	•	•	Jan. 21, 1963	4	10	19	14	Fresh	P	Clay loam ?; yellow sand 4; blue clay 20; clay gravel 53; sand 59; clay gravel 76; gravel 783; black shale 81. Water at 76.
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1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCAT	ION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	TEVET	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Ro	T COUNTY - mney Twp bn III	- cor	it.	G.J. Cours	S.H. Smith	May 1,1960	4	5	22	16	Fresh	D,S	Topsoil brown clay 17; blue clay 124; brown hardpan 133; dark rock 134. Water at 134.
Th	amesville V	71114	ge	Dr.G. Soper	H. McDonald	Nov. 7,1960	4						Topsoil 2; brown clay 12; gravel 16; blue clay 52; brown hardpan 60. Dry hole.
	lbury East		t 3	C. Bolley	D. Lecuyer	Sep.23,1962	4	1	90	9	Fresh	D	Clay pebbles 78; clay gravel 80; greenish black shale 88;
	on II on V	,	7 3	E. Herman A. Marchand	S. Earl D. Lecuyer	Nov.10,1960 Aug.22,1962	4 4	2	60	36	Salty	D	soapstone 90. Water from 80 to 88. Black loam 2; blue clay 10; grey shale 110. Dry hole. Clay 30; sand clay 35; gravel pebbles 90; sand clay 92; sand 93; sandy shale 95. Water at 95.
C	on VI	•	1	W. Lippmann		Oct. 2,1961	4						Clay pebbles 87; clay gravel sand 89; black greenish shale 105. Dry hole.
C	on VI		1	*	**	Oct.19,1961	4	120	30	6	Fresh	D	Blue clay 38; gravel 41; blue clay pebbles 88; sand clay 89; grey
(	bn VI	,	1	S. Baker	*	Aug. 3,1962	4	12	103	7	**	D	blackish shale 95. Water from 38 to 41. Clay 30; clay pebbles 90; sand gravel 97; greenish shale 103.
C	on VI	,	1	W.M. Lipoman	R. Pinsonneault	Sep.26,1963	4	21/2	55	4	Salty	D	Water at 93. Topsoil 2; yellow clay 12; brown clay pebbles 35; clay shale
(	on VI	,	6	J. Gabral	0. L'Ecuyer	Mar.28,1963	4						38; clay pebbles 90; hardban sand 92. Water at 90. Hard clay 80; soft clay 118; sand clay 120; soepstone 140. Dry
0	on VI		9	Ont.Dept.of	E. Hernandez	Feb.12,1963	7	10	65	12	Salty	N	hole. Topsoil 1; clay 128; limestone 135; shale 190; limestone 197;
0	on VIII		19	Highways H. Shauffler		Apr.14,1962	7			30		N	shale 210; brown limestone 296. Water from 131 to 133. Topsoil clay 114; black shale 121; soapstone 190; limestone 220;
C	bn IX		6	P. Van Erp	G.F. Newham	Aug.25,1962	51	21/2	45	21		D,S	soanstone 240; brown limestone 525. Water at 420. Gas at 220. Yellow clay 18; blue clay 118; quicks and 131; gravel 137. Water
M	RN		1	MerlinDistrict	M.Hernandez& Sons	Aug.26,1960	7			32		N	at 137. Topsoil 1; yellow clay 9; blue clay 136; sandy clay 140; kettle
M	RN		1	High School		Aug.29,1960	7	5	35	32	Fresh	P	point shale 180; shale 200; dolomite 243. Topsoil 1; yellow clay 9; blue clay 136; fine sand 139; kettle
	RN RS	;	1 B	A.L. Willick B. Sparks	O. L'Ecuyer H. English	Jun. 8,1963 Sep.30,1961	4 4	2 to 5	80 75	30 48	:	D D	point shale 141. Water at 140. Hard clay 60; soft clay 130; sand gravel 135. Water at 130. Blue clay 110; gravel sand 111; black shale 120; sand 122; black
M	RS		1	C. Fredrick	G. E. Newham	Aug.29,1961	5 <del>1</del>	15	46	37		D,C	shale 136. Water from 135 to 137. Yellow clay hardpan 16; blue clay 116; gravel quicks and 137;
T	RR	•	179	Erie Canning Co.	R. McGaffey	Sep.14,1962	10	41/2	160	60	*	N	gravel 139. Water from 137 to 139. Blue clay 20; fine gravel 28; blue clay 101; fine gravel 105; blue clay gravel 164; black shale 182; clay 1822; black shale 200. Water at 164.
	ne Twp. on I	10	t 4	E. Miller	R. Pinsonneault	May 28,1962	4	5	20	10	Fresh	D,S	Brown clay 4; blue clay 45; black clay 46; coarse sand gravel 52
	on I on I	;	5	Z. Hannon	R. McGaffey	Aug.17,1960 Aug.27,1960	4	5	25	9	Fresh	D,S	hard backed sand. Water at 46. Top brown clay 15;blue clay 47;sand 50;gravel 52. Dry hole. Top soil brown clay 15;blue clay 47;sand 50;gravel 65;hardpan 68;nard grey rock 90. Water at 82.
(	on I on I on I		6 6	R.Pinsonneault	J.E. Smith	Aug.20,1960 Sep.30,1960 Oct. 4,1960	4 4 4	5	14	8	Fresh	D	Topsoil 4;blue clay 38;hartpan 54. Dry hole. Blue clay 42;cemented gritty sand 59. Dry hole. Blue clay 42;temented gritty sand 59. Dry hole. Blue clay 44;black sandWater at 44.

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	Zone Twpcon Con I	lot	14	W. Armstrong	R. McGaffey	Apr.15,1960	4	3	25	17	Fresh	D,S	Top clay 15; blue clay 44; hardban 47; black shale 63; hard grey rock 80. Water at 63.
	Con II Con II	*	8	C. Lunn C. Vermat	J.E. Smith R. McGaffey	Sep.15,1960 Dec.16,1962	4 4	5 4	10 40	10 10	:	D,S D,S	Sandy top cley 6;brown clay 48;gravel. Water at 48. Topsoil 3;blue clay 40;hardpan 42;black shale 102;hard grey prock 127;hard grey limestone 127; Water at 125.
	Con VII		10	V. Demaiter	W. Marsh	Nov. 3,1960	4	1	81	17		N	Sand 30; clay 80; gravel 82; hardpan sand 88; black shale 91.
	Con VII		10			Nov.10,1960	4	7	40	17		D,In	Sand 32; brown clay 86; sand gravel 90; gravel 92; hardpan 94. Water at 90.
	Gore		1	M. Buckenham	Water Resources	Sep. 5,1961	5						Sand clay 4; red clay 12; sand grevel 19; orey clay 29; hardoan 38; sand gravel stones 64; orey shale 116; rock 117; soapstone 119. Dry hole.
	Gore		1	•	•	Nov.15,1961	5				Fresh	D	Clay topsoil 3; sand gravel 21; clay 32; clay hardpan 47; sand gravel 60; hardpan 70; hardpan rock 73; grey shale 108. Water at 73 and 103.
	Gore		1		*	Nov.21,1961	5	4	56	30	•	ם	Clay topsoil 6; sand gravel 17; clay 29; hardpan 57; black shale 62; orey shale 68; hordpan gravel 75. Water at 68.
	LRN	*	17	L. Wilkins	R. Pinsonnesult	Nov. 7,1963	7						Yellow sand 8; quicksand 26; blue clay 79; clay sandstones 86; soapstone 122. Dry hole.
	RR		10	H. Marcus	S. Earl	Jul.15,1960	4	3}	80	46	Salty	D	Red sand 11; blue clay 85; hardpan 97; fine gravel 102. Water from 97 to 102.
, T	AMBTON COUNTY.												
07	Alvinston Vill Alvinston Vis			E. H111	Dolphin & Earl	Sep.16,1960	4	2	73	63	Fresh	D	Sand 18; blue clay 73; hardoan 75; black shale 86. Water at 86.
	Alvinston Vla			Can.Petrolince		Dec.28,1960 Feb.15,1961	4	5	73 40 80	22 40		C	Sand 20; clay 72; black shale 74. Water at 74. Topsoil yellow clay 12; sand clay streaks 20; blue clay 78;
	Alvinston Vls			R. Douglas	Dolpnin & Earl	Mar.28,1961	4	2	50	24		D	herdpan 79; black shale 115. Water at 79. Yellow clay 15; blue clay 73; black shale 742. Water at 73.
	Alvinston Vls			J. Ferguson		Jul.18,1961	4	2	70	30		D	Sand gravel 12; blue clay 71; hardpan 72; black shale. Water at 72.
	Alvinston Vla	•		A. McLachlan	W. Marsh	May 29,1962	5						Sand 4; gravel sand 12; clay stones 25; grey clay 74; black shale 94; grey shale 117; black shale 126. Dry hole.
	Alvinston Vlg				•	Jun. 8,1962	5	호	120	50	Frësh	D	Sand 4; gravel 12; grey clay 74; black shale 95; grey s ale 118; black shale 125. Water from 90 to 95.
	Alvinston Vla	•		N.K. Kinna		Jun.11,1962	5	10	30	19		מ	Sand 12; clay 70; sandy hardban 72; black shale. Water at 70.
	Arkona Village Arkona Vlg			W. Hawes	A.A. Heal	Au~.16,1960	4						Dug well 15; blue clay 40; oritty clay 50; maddy har on 55; limestane 56; soft rock 74. Dry hole.
	Arkona Vlg.			•	•	Aug.22,1960	4	2	55	15	Fresh	D	Topsoil gravel 12; blue clay 27; hard sandy clay 38; soft blue clay 47; gravel sand 51; rock 512; soft grey shale 56. Water
	Arkona Vlg.			R. Burmen	•	Oct. 5,1960	4	1	52	9		D	from 47 to 51.  Old well 31; muddy sand 42; muddy gravel 45; ruddy gravel sand 51; limestone 53; soft limestone 54. Water from 42 to 45.
	Arkona Vlg. Arkona Vlg.			E.Roberts IGA J. Wilcox	F. Rendle	Oct. 8,1960 Sep.25,1961	4	8	74 30	20 20	*	N D	Blue clay 61; fine sand gravel 612; blue clay 74; Water at 61. Grey clay 24; gravel 26; grey clay 66; hardpan 70; rock. Water at 68.
	Arkona Vlg.			J. Henery	K.A. Heal	Dec. 4,1962	4	4	46	41	*	D, In	Topsoil 1; sand 23; sand clay 48; sand 52%. Water from 48 to 52%.
	Arkona Vlg			C. Ridley		May 23,1963	4	4	24	16		D	125. Topsoil gravel 12; muddy sand 26; gravel sand 28; sandy clay 60; coarse sand 65. Water from 612 to 632.
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LOCATION 1	T	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T.PUPT.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Arkona Village - cont Arkona Vil		. Percy	A.A. Heal	Aug. 8,1963	4						Topsoil gravel sandy clay 14; clay 25; sand clay streaks 35; blue clay 60; gravelly clay 70; gravel sand boulders clay 72;
Arkons Vlg.		•	•	Aug.17,1963	4	4	55	28	Fresh	ם	gritty clay 88; limestone 94. Dry hole. Topsoil gravel 6; sandy clay 25; muddy sand 30; sandy clay 57; sand mud streaks 61; sandy clay 62; privty clay 71; soft rock 80
Arkona Vlg.	A	A. Vansas	*	Nov.20,1963	4	2	70	25		D	Water at 75. Topsoil yellow clay 14; gravelly blue clay 14; blue clay 50; sandy clay 54; gravel 58; sandy clay 60; sand 67; blue clay 76; sand clay 80; limestone 89. Water from 50 to 58 and from 60 to 67 and at 76, 80 and 89.
Bosanquet Twp. Con A lot 18	3 H	I. Prance	A.A. Heal	Jun. 2,1960	6	12	15	4}	Fresh	ם	Fill 3; soft blue clay 11; sand 12; blue soft clay 20; fine sand wood 22; gravel 25; clay 57. Water from 11 to 12 and from 22 to
Con I " 23	J	. Lacy	HadcoWell Digging	Sep.10,1962	30	2	28	12		s	25. Topsoil 1; grey sand 17; grevel 19; grey sand 20; blue clay 28. Water at 17.
Con II * 2	I	. Gordon	A.A. Heal	Aug.24,1960	4	5	35	20	•	D	Topsoil yellow clay 14; blue clay 24; sandy clay 42; coarse sand 46; muddy sand 48. Water from 42 to 48.
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1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	LOCATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL		USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	AMBTON COUNTY - Rosanquet Twp. Con III Con III Con III Con III	- 1	cont	J.E. Lean	F. Rendle	Jul.26,1962 Aug. 2,1962 Aug. 9,1962 Aug.15,1962	4 4 4						Blue clay 78;gravel 80;derk rock 85. Dry hole. Loam clay 78;gravel 90;dark rock 92;soapstone 102. Dry hole. Blue clay 76;gravel 80. Dry hole. Blue clay 78;gravel 90;dark rock 92;soapstone 117. Dry hole.
	Con III Con III	*	12	Thedford P.U.G	International Water Supply	Aug.22,1962 Oct.11,1960	8	6 80	70 35	55 Flows	Fresh	D,S P	Clay 88;gravel 90;grey rock 92. Water at 88. Topsoil 2;brown sandy clay 5;grey silty clay 29;hard grey clay sand 65;fine gravel sand hard streaks 77;grey clay. Water at 65.
	Con IV	W	3	D. Wilson	A.A. Heal	Jun. 1,1962	4	4	55	33	*	D,S	Yellow topsoil 16; blue clay 54; gritty clay 60; clay 109; hardpan 112; limestone 114. Water from 109 to 112.
	Con IV	*	16	H. Smith	Had cowell Digging	Sep. 8,1962	272	2	19	13	н	S	Topsoil 1; brown clay 11; blue clay 16; blue sand 18; blue clay 20. Water at 16.
	Con V		7	W. Wilson	A.A. Heal	Oct. 1,1960	4	1/2	41	20	*	N	Topsoil yellow clay 15; blue clay 41; gravel 42; blue clay 61; gravel 62; blue clay 72; gravelly clay 103; limestone 109. Water from 41 to 42.
	Con V	n	18	School Area		Aug.30,1960	6	15	15	3	*	P	Topsoil yellow clay 10; blue clay 42; hardnen 44; limestone 47. Water from 44 to 46.
	Con V	*	21	Conklin Lumber Co.Ltd.	F. Rendle	Oct.14,1960	4						Old well 10; hard grey rock 17; clay 18. Dry hole.
	Con VI	39.	15		A.A. Hesl	Jul.14,1960	4	6	3	3	Fresh	D	Topsoil yellow clay 12; blue clay 50; limestone 53. Water from 51 to 53.
	∞n VI		22	School Area	*	Aug.24,1960	6						Topsoil sandy clay 6; gritty clay 9; limestone 24; grey shale
210	On VIII	×	10	D. Stewartson	•	May 24,1960	4	4	59	32	Fresh	ם	63; ltmestone 70; grey shale 110. Dry hole. Topsoil yellow clay 14; saniy clay 38; blue clay 62; boulders 63; blue clay 70; gravelly clay 84; blue clay 93; muddy gravel 108; gravel 112\$; soft limestone 114. Water from 108 to 112\$ and from 112 to 114.
	Con XI	*	13	Twp School # 2	•	Apr. 5,1963	5	15	55	50	•	P	Topsoil gravel 4; blue clay °5; hordpan 872; tlack shale 972. Water from 85 to 873.
	On XIII	•	18	R. Frayne	S. Earl	Jun.19,1962	4						Hardpan 17; clay stones 51; clay 62; grovel 67; clay 85; grey shale 91. Dry hole.
	Con XIII Con XIV		18 12	E. Semph	A.A. Heel	Jun.23,1962 Jun.25,1962	6	7 <del>1</del>	38}	38	Fresh	D,8	Cav 33;s nd 36;clay 50;black shale 61. Dry hole. Yellow topsoil 8;gravel 13;blue clay 79;hardpan 82;dark rock 87. Water at 79.
	Con XV	**	15	B. Watson	H	Feb.22,1961	4						Topsoil yellow clay 12; blue clay 102; hardpan 109; grey shale 124; light limestone 137. Prv hole.
	∞n xv	Ħ	15	"	*	Mar. 3,1961	4	1	115	58	Fresh	D	Topsoil yellow clay 12; blue clay 102; hardean 110; limestone soft streaks rock 130; hard grey shale 135. Water at 1175.
	LRE		35	Ont.Dept.	"	Jun.21,1963	6	20	20	10		P	Topsoil send 6; send 32. Water from 10 to 32.
	LRE LRE	n	42 56	P.Bastianngen C. Tidball	F. Rendle A.A. Heal	Oct. 3,1960 Jun.27,1962	4						Blue clay 9; hard grey shale 29; soft blue clay 38. Dry hole. Yellow topsoil 15; blue clay 84; hardpan 85; grey shale 103. Dry hole.
	LRE	H	56		n.	Jun.29,1962	4						Yellow topsoil 15; blue clay 85; hardnan 86; grey shale 100. Dry hole.
	LRE LRE	"	57 66	J. Clark V. Fuller	S. Earl G.G. Hussey &Son	Jun.15,1962 May 18,1962	4 4	4	90	45	Fresh	D	Clay 90; grey shale 150. Dry hole.  Brown clay 30; blue clay 91; blue clay gravel streaks 100; black shale 166. Water at 91 and from 105 to 106.
	LRE	M	72	A. Hill	A.A. Heal	Dec. 7,1961	4						Topsoil yellow clay 12; blue clay 100; boulders hard clay 118;
	LRE	п	72	*	"	Dec.15,1961	4						limentone 123; grey shale 125. Dry hole. Tonsoil sond yellow clay 13; blue clay 100; boulders heri blue clay 119; limentone 125; grey shale 140. Dry hole.

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	AMBTON COUNTY												
	Bosanquet Twp. LRE	lot	ont. 72	A. H111	A.A. Hesl	Dec.21,1961	4						Topsoil yellow clay 12;b'ue clay 98;hardpan 114;limestone 119
	LRE	•	72	•	•	Jen.18,1962	4						grey shale 140. Dry hole. Topsoil yellow clay 12; blue clay 98; hardpan boulders 117; limestone 127; grey shale limestone streaks 135. Dry hole.
	LRE	*	31	Sarnia Boy Scout Ass.	•	Apr.28,1960	4	3	34	23	Fresh	D	Topsoil gravel 4; sand 41. Water from 23 to 41.
	LRW		55	D. McKenzie W.Richardson	•	May 5,1960	4	1	45	91		D	Topsoil yellow clay 8; blue clay 34; black shale 39; limestone
	LRW	*	55			May 10,1960	6	1	40	9	Salty	ם	49;grey shale 50. Water at 34. Topsoil yellow clay 8;blue clay 41;limestone 49;grey shale 50. Water at 41.
	LRW		55	•	•	May 20,1960	4	4	22	91/2	Sulphur	D	Topsoil yellow clay 8; blue clay 32; black shale 40; grey black shale 41; limestone 48; soft limestone 49. Water from 48 to 49.
	LRW LRW		63 63	D. Johnson	F. Rendle	Aug.22,1960 Sep.19,1960	4	1	70 75 95 9	25 25 25 25	Fresh	S	Blue clay 75; sand gravel 76; blue clay 95, Water from 75 to 76. Gravel 7; blue clay 90; sand gravel 80. Water at 80.
	LRW LRW		70	A. Hodgson	G.G.Hussey& Son	May 22,1962	4	1	95	25	•	D	Brown clay 28; blue clay 91; sand fine gravel 100. Water at 100.
		_	71	R. Day	A.A. Heal	May 6, 1961					Sulphur	D	Sand 8; blue clay 30; hardean 35; soft limestone 40; hard limestone 44. Water at 44.
	LRW		71	D. Johnston	•	May 8, 1961	4	1	24	14	Fresh	D	Topsoil sand 4; blue clay 30; herdpan 35; herd limestone 36; soft limestone 41. Water at 35.
	LRW		71	A.M. Ramsay		Sep.19,1961	4	1	35	20	*	D	Sand 9; blue clay 35%; limestone 37; grey shale 43; limestone 46; arey shale 46%. Water at 7 and 35.
	LRW		71	L.G. Newell		Sep.24,1962	4	1	44	28	*	D	Sand tonsoil Piblue clay 33½; limestone 35; soft limestone 42; hard limestone 45. Water at 34 and 44.
2)	LRW	٠	72	J. Dodge	•	Jun.3, 1960	4	3	16 <del>2</del>	12		D	Topsoil sand 8; blue clay 29; boulders 32; clay 37; muddy gravel 40; limestone 41; streaks gray shale limestone 47; limestone 50.
	LRW		80	Forest Clift Camp		Jul.15,1963	4	6	80	61		P	Water at 47%. Toosoil yellow clay 15; blue clay 77; muddy hardpan 87; black grey streaks shale 100. Water at 96.
	LRW		~	G. Dzisiak	F. Rendle	Jul. 7,1962	4	8	75 60	65 60		ם	Blue clay 76;gravel 78;hardoan 80. Water at 78.
	LRW		83	E. Lawrence & E. Burke	A.A. Heal	Aug. 2,1960	4	4	60	60		D	Topsoil yellow clay 15; blue clay 64; gritty clay 71; hardpan 79; black shale 83. Water at 77.
	LRW		83	G.C. Green	•	Jun.19,1963	4						Yellow topsoil 16; blue clay 72; hardpan 80; black shale 82. Dry hole.
	LRW		83			Jun.25,1963	4	4	63	62	Fresh	מ	Yellow topsoil 16; blue clay 75; hardban 79; black shale 802. Water at 77.
	SB		1	G.B. Poulds	•	Oct. 3,1960	4	3	30	13	•	D	Sandy clay topsoil 6; yellow clay 13; blue clay 20; sandy clay 26; sand 393. Water from 26 to 393.
	SB	•	3	P. VanBree	•	Mar.15,1962	4	7	46	33		ם	Old well 20; sand 22; sandy clay 25; coarse sand 27; sandy clay 38; fine sand 53; sandy clay 58. Water from 20 to 22, 25 to 27 and from 38 to 53.
	SB		13	L. Koolers	L. Rawson	Oct.17,1960	4	10	50	35		N	Topsoil 9; blue clay 69; sand gravel 70. Water at 70.
	SB		13			Nov.10,1960	4	8	40	27		D,S	Topsoil 14; blue clay 40; sand 60; blue clay 95; sand 100; gravel 103. Water at 103.
	SB	•	35	Christian Reform Church	A.A. Heal	May 18,1960	4	2	109	60		N	Topsoil yellow clay 14; blue clay 97; hardpan 109; black shale 110. Water from 101 to 104.
	SB	•	35	a church	•	Jun. 2,1960	4	4	64	63	•	P	Topsoil yellow clay 15; sandy clay 20; blue clay 30; sandy clay 39; blue clay 98; horanan 108; black shale 115. Water from 103 to 108.
	Brooke Twp. Con I Con I	lot		J. Shortt R.Warner	O. Kimbell Dolphin & Berl	May 28,1961 Sep.12,1960	6	4	20	7	Presh	5	Brown clay 7; blue clay 22; black gravel 24. Water at 23. Yellow clay 9; blue clay 50; hardpan 52; black shale 67. Dry
	Con I		12	Turkey Parms		Sep.13,1960	4						hole. Yellow clay 9; blue clay 50; hardpan 52; black shale 67; Dry hole.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY -			R.Warner	Dolphin & Earl	Sep.14,1960	4						Yellow clay 9; blue clay 50; hardpan 52; black shale 67. Dry
Con I			12	Turkey Farms	•	Sep.20,1960	4						hole. Yellow clay 9; blue clay 50; horaban 52; black shale 67. Dry
Con I			12	•	**	Sep.25,1960	4	4	64	49	Fresh	D,S	hole. Yellow clay 19; blue clay 53; h rdnan 60; black shale 67. Water at 67.
©n I ©n II		n	13 12	R. Pecana R. Tate	S. Earl O. Kimball	May 12,1962 Aug. 3,1960	10	10 4	36 35	20 18	Sulphur Fresh	D S	Clay 62; black shale 72; Water from 62 to 64. Top clay 8; blue clay 20; soft butty clay 30; blue clay 58; black gritty clay 60. Water at 60.
Con II Con II Con II			13 14 19	A. Erdodi S. Stefanik H. Werner	S. Earl Dolphin & Earl	Mar.31,1962 Apr.16,1962 Nov.26,1963	4 4 6	4 10 5	50 38 69 26	30 20 13	Sulphur #: Fresh	D D D,S	Clay 60;gravel 66;black shale 72. Water at 62. Clay 62;gravel 66;black shale 82. Water from 62 to 66. Red clay 10;blue clay 68;blue shale 70. Water at 70.
Con II				T. Henderson S. Robinson	Weatherstone & Williams Dolphin & Earl	Oct. 3,1963 Apr.25,1963	4	10 7	30	15 24		D,S	Top clay 12; blue clay 63. Water at 63, Yellow clay 10; blue clay 56; gravel hartoan 61; black shale.
Con II			18	H. Goodhand	A.A. Heal	May 31,1962	4	5	7½	7		D D	Water at 61. Topsoil yellow clay 10; sand streaks 12; blue clay 63; hardman
Con II			20	D. Gray		Feb.20,1963	4	4	19	14		D	65; black gravel 66. Water from 10 to 12 and from 64 to 66. Topsoil yellow clay 12; blue sandy clay 20; soft blue clay 57;
Con IV		**	1	J. Gentleran	Dolphin & Earl	Dec.10,1962	4	5	30	21		D,S	hardban 70; grey black shale 73. Water from 70 to 73. Yellow clay 16; blue clay 64; hardban 66; black shale 68. Water
Con IV			4	H. Dundes		Sep. 1,1962	4	10	20	16		D,S	from 66 to 67. Yellow clay 9; blue clay 49; gravel 50; black shale. Water from 49 to 50.
Con IV		*	21	Alvinston Cemetery Board	•	Apr. 5,1963	4	5	50	28	*	D	Gravel 20; blue clay 70; hardpan 78; gravel 82; black shale. Water at 82.
Con V Con V Con V		**	3 4 4	R. Munroe C. & M. Thorpe R. Simpson S.S. Courtright	# #	Sep. 6,1962 Sep.16,1963 Oct.26,1960 Jun.18,1963	4 4 4	10 6 3 10	18 20 27 18	14 16 19 15		D D D	Yellow clay 9; blue clay 59; gravel 61. Water from 59; to 61. Yellow clay 10; blue clay 62; gravel 67. Water at 67. Yellow clay 9; blue clay 57; black shale. Water at 57. Yellow clay 15; blue clay 59; hardwan gravel 61; bleck shale
Con V		и	9	Warner Turkey	,,	Sep. 1960	4	10	35	15		D,S	62. Water at 61. Yellow clay 5; blue clay 60; hardman 62; black shale. Water at
Con V Con V Con V		19	18 18 21	Ferns E.T.Hustler S. Kucerra	H H	May 17,1960 May 19,1960 Aug.25,1962	4 4	1 <u>1</u> 3	30 76	16 25	Fresh	ם	62. Red clay "gravel 10; blue clay 70. Dry hale. Red clay 10; blue clay 66; hardoan 70; black shale. Water at 70. Sand gravel 15; blue clay 75; gravel hardoan 77. Water from 76
Con V			22	R. Hearst		May 7, 1960	4						th 77. Red clay 8; blue clay 48; hardnen 53; black shale 71; blue shale 75. Dry hole.
Con V Con V Con V Con VI			22 22 22 2	J. Machava		May 8,1960 Sep. 5,1960 Sep. 7,1960 Jul.20,1960	4 4 4	3 15	15 25	5 15	Sulphur Fresh	D,S	Red clay 8; blue clay 56; black shale. Dry hole. Clay 7; black chole 25; blue shale 38½. Dry hole. Clay sond 5; black shale 25; blue shale 27. Water at 27. Red clay 9; blue clay 52; h reman gravel 57; black shale. Water
Con VI			3	R. Singleton	A.A. Heal	Feb.17,1961	4	21	60	14		D	at 57. Topsoil yellow clay 10; blue clay 562; hardban 582; black shale 66. Water from 57 to 582.
Con VI		*	4	T. Park	Dolphin & Earl	Jun.10,1960	4	5	16	14		D	Yellow clay 8; blue clay 56; hardban 572; black shale 632. Wate: at 634.
Con VI Con VI Con VI			4 4 5	C. McLaughlin D. Pecana S. Gardiner	O. Kimball	Jun.16,1960 Oct.24,1963 Jun.21,1961	4 6	5 4 2	15 12 25	14 12 15		D D	Yellow clay 9; blue clay 57; gravel 60. Water from 57 to 60. Blue clay 53; gr vel 55. Water at 53. Progn clay 10; blue clay 57; black gritty sand gravel 60. Water from the first sand gravel 60.
Con VI			7	W. Hernuik	н	Oct. 3,1961	6	3	25	15		D	from 5? to 60. Yellow clay 15; blue clay 56; gritty black clay 59; black stony gravel 60. Water from 59 to 60.

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	AMBTON COUNTY Brooke Two												
1	Con VI	lot	18	E. Hustler	Dolphin & Earl	May 12,1961	4	5	30	16	Fresh	D	Clay gravel 6; blue clay 66; hardpan 69; black shale . Water at 69.
	Con VII		19 6	C. Campbell S. Pecusik		Oct.26,1963 Apr.22,1962	4	5	35 50	25 16	:	D,S	Plue clay 75;gr mel 76. Water at 75. Yellow clay 10;blue clay 59;hardban 62;black shale. Water from 61 to 62.
	Con VII		13 17	L. Pitel J. Koncovy Sr.		Jun. 2,1960 Apr.19,1962	4	3 5	4 30	4 20	:	D,S	Red clay 9; blue clay 45; gravel 594. Water from 45 to 592. Yellow clay 15; blue clay 65; fine boerse gravel 68; black shale. Water at 65 and 68.
	Con VII	•	18	Twp SchoolArea	A.A. Heal	Jun.30,1960	6	14	93	32	Sulphur	P	Topsoil yellow clay 12; blue clay 59; hardpan 61; black shale 75. Water from 60 to 61.
	Con VII		19	J. Gum	Dolphin & Estl	Aug. 6,1960	4	10	30	23	Fresh	D	Yellow clay 9; blue clay 70; hardoen 74; black shale. Water st
	On VIII	•	5	E. Moynahan		Jul.22,1960 Jul.23,1960	4	10	12	12 12	:	N D,S	Yellow clay 9; blue clay 51; black shale 57. Water at 57. Yellow clay 10; blue clay 49; hardoan 50½; gravel 51; black shale, Water at 51.
	Con VIII		7	E. Totten	•	Aug.11,1961	4	3	45	20	•	D,S	Yellow clay 10; blue clay 48; black shaly hardpan 49; black shale 49. Water from 48 to 49.
	Con VIII		29	G.A. Graham	•	Mar.26,1963	4	5	90	20	Sulphur	D,S	Yellow clay 15; blue clay 68; hardman 78; black shale 81. Water at 78 and 81.
	Con IX	•	2	N. Campbell	W.Weatherstone& D. Williams	Dec. 5,1963	6	10	20	14	Fresh	D	Topsoil clay 18; blue clay 63. Water at 63.
	Con IX Con IX Con IX Con IX		5 5 5	W. Teskey	Dolphin & Earl	Jul.12,1960 Jul.13,1960 Jul.14,1960 Jul.16,1960	4 4 4	15	12	12	Presh	D.S	Yellow clay 5; blue clay 51; black shale 62. Dry hole. Yellow top clay 5; blue clay 51; black shale 62. Dry hole. Yellow clay 5; blue clay 51; black shale 62. Dry hole. Yellow clay 5; blue clay 46; hardpan 51; gravel 51; shale.
213	Con IX Con IX		6	G. Campbell A. Campbell	;	Jul.26,1960 May 19,1962	4 4	10	19	18 12	:	S N	Water at 51½. Yellow clay 10; blue clay 52; black shale. Water at 52. Tellow clay 12; blue clay 52; black shale 62. Water at 52.
	Con IX		? 11	G. McGugan	A.A. Heal	May 21,1962 Jul.11,1962	4	10	30 44	12 18	:	S D	Yellow clay 10; blue clay 52; shale gravel 53. Water at 53. Topsoil yellow clay 8; blue clay 44; herdpan 45; black shale 52. Water from 44 to 45.
	Con IX		11	•	•	Jul.14,1962	4	< ₺	48	18	•.	N	Topsoil yellow clay 8; blue clay 44; hardpan 45; black shale 48. Water at 45.
	Con IX		11	•	•	Jul.19,1962	4						Topsoil yellow clay 8; blue clay 44; hardpan 46; black shale 69; grey shale 85; black shale 95. Dry hole.
	Con IX	•	11	•	•	Jul.23,1962	4						Topsoil yellow clay 8; blue clay 44; hardpan 45; black shale 52.  Dry hole.
	Con X Con X	*	3 6	L. Campbell L. Higgins	L. Rawson W.Weatherstone & D. Williams	Oct.12,1960 Oct.24,1963	6	10 10	40 24	28 16	Sulphur Fresh	D,S D,S	Topsoil 11; blue clay 68; hardpan 69; shale 72. Water at 69. Topsoil clay gravel 15; blue clay 61; gravel. Water at 61.
	Con X Con X	*	8	D. McCleary E. Edgar	H. McDonald	Sep.21,1960 Sep.23,1960	4 4	6	12 13	10 10	:	D,s	Topsoil 2; brown clay 18; blue clay 55; gravel 57. Water at 55. Topsoil 2; brown clay 20; blue clay 56; gravel 582; brown rosk 59. Water at 56.
	Con X	•	16	C. Maddock	A.A. Heal	Apr.25,1961	4	5	31 <u>1</u>	31½	•	ם	Topsoil gravel 8; sandy clay 10; blue clay 77; hardpan 80; black shale 83; Water from 79 to 81.
	Con X	•	22	H. Fletcher	Bolphin & Earl	Jul. 3,1963	4	3	55	27	Sulphur	D	Yellow clay 10; blue clay 50; hardpan 59; black shale 60. Water at 60.
	Con X		24	A. Campbell		Jun.19,1963	4	12	71	1	•	s	Yellow clay 10; blue clay 22; hardman 29; gravel 31; black shale 40. Water at 31.
	Con X		24	•	•	Jun.15,1963	4	12	7	Flows		S	Yellow clay 10; blue clay 29; blue shale 34; black shale 35. Water at 31.
	Con X	•	25	•	•	Jun.13,1963	4	12	7	•	•	s	Tellow clay 10; blue clay 20; her pan 29; black shale 30. Water from 29 to 30.
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LOCAT	rion '		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MBTON COUNT rooke Twp.			J.W. McEachern	S. Earl	May 30,1961	4	15	35	20	Sulphur	D	Clay 40; fine sand 45; hardpan 62; sand stones 64; black shale 87.
Con XI			210 1011	Dolphin & Earl	May 6,1963	4			12	Fresh	N	Water from 62 to 64. Yellow clay 10; blue clay 54; hardpan 55; black shale 83. Water
Con XI		7			May 6,1963	4	3	28	11			at 55. (Fresh cloudy) Yellow clay 10; blue clay 54; black shale 78. Water at 77 and
Con XI			W. Dubs	S. Earl	Dec. 5,1963	4	10	24	20		D	78. Clay 73; black shale 74. Water from 73 to 74.
Con XI			S. Smith	A.A. Heal	Aug. 6,1960	4	4	53	31		Ď	Topsoil yellow clay 14; blue clay 69; gravel sand 742. Water at 71.
Con XI		21 14	R. Ferguson C. Watson	Dolphin & Earl A.A. Heal	Sep.26,1963	4	7	46	18	e On labora		Blue clay 60; hardpan 63½; gravel 64. Water at 63½. Tellow topsoil 14; blue clay 90½; sand 91; black shale 112.
Con XII			C. Watson	A.A. near	Jan.30,1963	4		112	60	Sulphur		Water at 91.
Con XII	•	-		_	Feb. 4,1963		21/2	82				Yellow topsoil 14; blue clay 90; black sand 91; black shale 952. Water from 90 to 91.
Con XII			L. Donkers	-	Aug.15,1962	4	4	25	24	Fresh		Yellow topsoil 12; sandy clay 28; blue clay 71; hardpan 74; black shale 75. Water at 72.
Con XIII		6	C. Wilson	•	Jul.13,1960	4	3	24	6			Topsoil yellow clay 14; blue clay 40; gravelly clay 54; hardpan 55; black sand 56; black shale 66. Water from 55 to 56.
Con XIII		9	E. Holbrook	•	May 1, 1960	4	i	49	8	*	D	Topsoil yellow clay 6; blue clay 47; hardpan 49; black shale 52. Water from 48 to 49.
Con XIII		9	•		May 3, 1960	4	12	48	Flows		D	Topsoil yellow clay 8; blue clay 34; blue clay gravel 44; muddy gravel 46; hardpan 48; black shale 50. Water from 46 to 48.
Con XIII		15	L. Werden		Apr.18,1962	4	1	88	54	Sulphur	D	Tonsoil yellow clay 14; blue clay 86; hardpan 88; black shale 92. Water from 86 to 87.
Con XIII	•	15	•	•	Peb. 8,1963	4	2	83	60		D,S	Yellow topsoil 15; blue clay 85; hardpan 88; black shale 93. Water from 85 to 88.
Con XIV		2	A. Sisson	C. Thrower	Apr.15,1960	4						Top clay 8; blue clay 47; blue hardpan 48; black shale 65;
Con XIV		2	•	•	Apr.18,1960	4	10	20	10	Fresh	D,S	Dry hole. Top grey clay 9; blue clay 46; gravel 48; black shale 50. Water
Con XIV		14	E. Davidson	A.A. Heal	May 16,1963	4	5	84	58	Sulphu	s	from 46 to 48. Yellow topsoil 15; blue clay 77; writty clay 1052; sand 1062; bla
Con XIV			H. Johnston	S. Earl	Apr.16,1961	4	5	65	40	*	D	shale 110. Water from 105 to 1062. Clay 85; hardban 102; black shale 111. Water at 106.
Con XIV	*	25	F.C. Davidson	A.A. Heal	Jan. 4,1962	4	4	37	35	•	D	Topsoil sandy clay 4; gravel 12; blue clay 67; hardban 78; grey shale 85. Water from 77 to 78.
Con XIV	*	27	W. Sifton		Dec.12,1961	4	3	82	13		D,S	Tellow topsoil 14; blue sand 35; sand streaks 40; clay 70; hordpan 77; grey shale 83. Water at 77.
awn Twp. Con I	lot	11	U.S.S.# 22	D.C. Simpson	Aug.24,1962	4	71	15	8	Fresh	P	Topsoil clay 7; blue clay 14; butty clay 16; gravel blue clay
Con I	10.00	IO+AGE	G. Graham	R.W. Simpson		4	5	20	16	1165:1	D,S	mixed 52; sand gravel 56; shale 62. Water at 52.
				n.w. Simpson	Jan. 5,1961							Topsoil 2; yellow clay 9; blue clay 56; black shale. Water at 56.
Con I	•		B. Bradley		Jul.23,1962	4	5	18	16		D,S	Topsoil 2; yellow clay 10; blue clay 68; gravel 69; black shale 71. Water at 68.
Con I		-	W. Metcalfe	A.A. Heal	Aug.28,1963	4						Yellow topsoil 12; blue cley 73; hardpan 75; black shale 77. Dry hole.
Con I		-	•		Aug.29,1963	4	2	79	19		1	Yellow topsoil 12; blue clay 74; muddy hardpan 752; black sand 76; black shale 79. Water from 752 to 76.
Con II	•	23	N. McLachlin	H. McDonald	May 23,1963	4	6	29	20	*	8	Topsoil 2; brown clay 20; blue clay 60; gravel 62; black shale 65. Water at 60.

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	AMBTON COUNT		ont.										
	Con II		t 29	B.E. Davis	R. Marsh Ltd	May 15,1961	4	2	25	17	Fresh	ם	Topsoil 4; blue clay 64; sand shale 65; harinan 65. Water from
	Con II		33	N. Wilson	H. McDonald	Oct.15,1963	4	15	20	8	•	D,S	64 to 65. Topsoil 2; brown clay 22; blue clay 73; gravel 75; black shale
	On III On III		11 22	A. Houston D. Robinson	R.W. Simpson	Aug.10,1962 Jun. 3,1962	4 4	2 5	45 25	6 21	:	S	77. Water at 75. Topsoil 2;blue clay 52;black shale 53. Water at 52. Topsoil 2;yellow clay 9;blue clay 61;loose black shale 62. Water at 61.
	Con III Con III Con III	:	25	L. Deighton K. Elliott	C. Webster R.W. Simpson	Sep. 4,1962 Dec.10,1962 Aug.15,1963	6 10 4	10	20	18	*	D,S	Topsoil 3; blue clay 60; hordpan 65; grovel 66. Water at 65%. Topsoil 3; blue clay 69; hard light grey shale 76. Dry hole. Topsoil 2; yellow clay 10; blue clay 71; black shale 73. Dry hole.
	∞n IV		31	K. Turner		Jul.21,1962	4	5	17	14	Fresh	D,S	Topsoil 2; yellow clay 8; blue clay 57; black shale 58. Water at 57.
	Con IV	*	31			Jul.22,1962	4						Topsoil 2; yellow clay 8; blue clay 54; hardpan stones. Dry hole.
	Con IV	*	32	E. Jacques		Jul.17,1962	4	5	18	16	Sulphur	D,S	Topsoil 2; yellow clay 9; blue clay 57; loose shale 58; black shale 59. Water at 57.
	Con IV Con V	*	34 12	W. Kelly R. Langstaff	E. Morningstar R.W. Simpson	Sep.16,1963 Aug.20,1963	4 4	4 6	28	20 15	Fresh	D,S N	Yellow clay 11; blue clay 49; black shale 55. Water at 54. Topsoil 2; yellow clay 8; blue clay 3; fine sand 45; hardpan 62; black shale 65. Water from 43 to 45.
	Con V	×	12			Aug, 26, 1963	4	6	20	15		מ	Topsoil 2; yellow clay 10; blue clay 41; hardpan 50; sand gravel 56; hardpan 82; black shale 84. Water at 82.
s	Con V Con V Con V		17	D. Gillies W. Thomas	# # Dolphin & Earl	Jen. 2,1961 Jen. 3,1961 Oct.11,1960	4	10	30 24	18	Fresh	S	Topsoil 2; yellow clay 10; blue clay '; black shale.Dry hole. Topsoil 2; yellow clay 9; blue clay 50; black shale. Dry hole. Clay 55; horden 59; black shale. Water at 59.
'n	Con V			H. Young	C. Webster	May 18,1963	7	4		18			Top brown clay 5; blue clay 50; hardban 52; black gravel shale 54. Water from 52 to 54.
	Con VI		30		R.W. Simpson	Sep. 6,1960	4	5	18	12	•		Topsoil 2; yellow clay 12; blue clay ctones 57; loose shale 58. Water at 57.
	Con VII		16		H. McDonald	Apr. 8,1962	4	7	10	8	Sulphur	N	Topsoil 2; brown clay 14; blue clay 42; gravel 44; black shale 50. Water at 42.
	Con VII	•	24	Area	R.W. Simpson	Apr.27,1961	4	5	17	15	Fresh	P	Topsoil 2; yellow clay 9; blue clay stones 55; loose shale 56; black shale 57. Water at 55.
	Con VIII Con VIII Con VIII Con VIII		31 11 11 11	M. Thomas K. Johnston	Dolphin & Earl R.W. Simpson	Oct.22,1960 May 4, 1963 May 5,1963 May 7, 1963	4 4 4	5	35	20	•	D	Yellow clay 9; blue clay 48; hardban 50; shale. Water at 50. Topsoil 2; yellow clay 8; blue clay 31; black shale. Dry hole. Topsoil 2; yellow clay 8; blue clay 30; black shale 30. Dry hole. Topsoil 1; blue clay 15; black shale 18. Dry hole.
	Con VIII	*	11		C. Webster	Nov.12,1963 Nov.14,1963	10	8	12	28 6	Fresh	N D.S	Blue clay 30; hardpan 33. Water at 33. Blue clay 16; gritty clay 173; gravel 18. Water at 172.
	Con VIII	*		E. Johnston	P.W. Simpson	Apr. 6,1962	4	ĕ		10	Sulphur	N	Topsoil 2; yellow clay 9; blue clay 29; loose shale 30. Water at 29.
	Con VIII		16	•		Apr. 8,1962	4	6	20	10	Fresh	D	Toosoil 2; yellow clay 9; blue clay 29; loose shale 31. Water at 29.
	Con VIII	34	16	M. McFadden	*	May 10,1963	4	5	12	9	•	ם	Torsoil 2; yellow clay 7; blue clay 30; loose shale 31. Water at 30.
	Con VIII		17 24			Jul 14,1962 Apr.21,1960	4	4	25	14	Fresh	D,S	Topsoil 2; yellow clay 9; blue clay 35; black shale. Dry hole. Topsoil 2; yellow clay 14; blue clay 59; black shale 61. Water at 59.
	Con VIII Con VIII	# #	25 27 27	N. Bernes	W. Marsh C. Webster	Dec.28,1963 Aug. 9,1960 Sep.17,1960	6 <del>1</del> 6 10	15 7	35 38	22 18		P D	Brown clay 8; blue clay 53; shale 58. Water at 58. Topsoil 3; blue clay 55. Water at 58. Topsoil 4; blue clay 50. Dry hole.
	Con VIII	W		r. oronare	S.J. Atkinson	Nov. 6,1963	4						Topsoil 1; red clay 20; blue clay 52; black shale 67; black sand 68; black shale 74. Dry hole.
	On VIII	•	30	D. Zavitz	C. Webster	Apr.26,1963	E	4	22	17	Fresh	D	from 49 to 51. Water
				Total Maria						_	•		

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	STON COUNTY .		nt.										
C	va Twp cor on IX on IX		11 17	K. Johnston S.J. Smith	R.W. Simpson Weatherstone & Williams	May 3, 1963 Jul.20,1963	4 6	3	11	8	Fresh	D	Topsoil 2; yellow clay 8; blue clay 31; black shale 32. Dry hole. Top clay 5; blue clay 20. Water at 20.
	on IX	Ħ	19 19	H. Plain R. Burrell	W. Marsh	Aug.10,1963 Aug.13,1963	10 5	3 3	35 36	12 13		D,S D,S	Grey clay stones 37; hardpan 38; black shale 40. Water at 38. Grey clay stones 38; hardpan 40; black shale 45. Water from 38 to 40.
a	on IX	н	26	D. McKay	E.Morningstar	Oct. 1,1963	5	5	30	18	Sulphur	D,S	Yellow clay 12; blue clay 55; sand hard grey rock 56; cemented stony hardpan 72. Water from 60 to 72.
	on IX on IX	"	28 31	W. McKay O. Varhaeghe	C. Webster E.Morningstar	May 18,1962 Oct. 8,1963	6 5	10	23	19 50	Fresh	s N	Top clay 3; blue clay 62; gravel haripan 65. Nater at 63. Yellow clay 11; blue clay 49; black shale 98. limestone. Gas with water at 493.
	n X n X	**	12 12	E. Kolmegies	H. McDonald	Nov. 4,1961 Nov. 6,1961	4	3	16	10	Sulphur	s	Topsoil 2;brown clay 7;blue clay 21;black shale 23. Dry hole. Topsoil 2;brown clay 6;blue clay 26;black shale 26. Water at 22.
a	on X on X on X on X	# #	12 12 12 21	E. Eden	W. Marsh	Oct.24,1963 Oct.27,1963 Oct.31,1963 Aug.17,1963	4 4 5	4 10	8 20	6 14	Sulphur Fresh		Topsoil 2; brown clay 15; blue clay 25; black shale 52. Dry hole, Topsoil 2; brown clay 12; blue clay 24; black shale 35. Dry hole, Topsoil 1; brown clay 7; grevel 8; black shale 222. Water at 7. Old well 22; grey clay 43; hardban 44; black shale 45. Water at 44.
a	on X on X on X		22 23 23	R. McKay L. Williams	R.W. Simpson C. Webster Weatherstone &	Aug.31,1962 Sep. 1,1962 Jul.18,1961 Oct.19,1963	4 4 6 6	4 3 10	22 23 30	12 29 28	Sulphur **	D,S D,S	Topsoil 2; yellow clay 9; blue clay 41; black shale 47. Dry hole. Topsoil 1; yellow clay 9; blue clay 41; black shale. Water at 41. Topsoil 3; blue clay 46; gravel 46. Water at 44. Top clay 12; blue clay 43; black sand. Water at 43.
a	on X	n	24	E. Loosemore	Williams C. Webster	Jun.23,1961	6	5	35	29	n	D,S	Light topsoil 5; blue clay 49; slate rock gravel 50. Water at
Q	on X	w	25	A. Graham	Weatherstone &	Oct.26,1963	6	4	25	20	Sulphur	D,S	Top clay 10; blue clay 49; black sand 49. Water at 49.
C	on X on X	m 11	26 26 26	D. McKay	Williams C. Webster	May 20,1961 May 31,1962 Jun.10,1962	10	10	21	3	Fresh	N S	Topsoil 4; blue clay 54; stony hardban 55. Water at 55. Blue clay 50; rock. Dry hole. Blue clay 46; gravel 48; shale. Water at 48.
a	on X on X on X	"	27 27 33	W. Leeson J. Oliver	E.Morningstar	May 6,1961 May 9,1961 Jul. 3,1963	10 6 5	4 5	30 18	33 15	Fresh	S D,S	Topsoil 3;blue clay 46; gravel hardpan 47. Water at 47. Previously drilled 30; loose black shale 64; solid black shale
a	on X on X on XI	"	34 34 26	A. Lassaline B. Zavity B. Dunlop	C. Webster W. Marsh Weatherstone & Williams	Nov.18,1960 Aug.28,1963 Jul.13,1963	10 5 6	10 6	67 67 19	17 25 15	# #	N S D,S	66%. Water at 65. Toosoil 4; blue clay 67. Water at 67. Grey clay stones 65; gravel hariban 67. Water from 65 to 67. Top clay 11; blue clay 50; black sand. Water at 50.
C.	n XI		30	J. Dunlop	O. Kimball	Jul.23,1961	6	2	30	10	*	D,S	Brown clay 12; blue clay 65; black sand gritty clay. Water at
a	n XI	•	34	C. Lassaline	F. Jackson	Jun.29,1961	4	15	35	24	*	D	Clay loom 2; yellow clay 12; blue clay 61; black rock gravel 63;
	IIX no	"	34 23	T. Mawlam	H.Morningstar R. Pinsonneault	Sep.15,1961 Oct.14,1963	4 4	25 5	40 25	20 15	* Sulphur	D S	black rock 66. Water at 61 and 64. Yellow clay 15; blue clay 69; sand gravel 69%. Water at 69%. Gritty yellow clay 8; gritty brown clay 52; black shale 54. Water at 52.
a	on XII	•	27	B. Leitch	B.W. Simpson	Nov.28,1962	4	5	18	16	Fresh	D,S	Topsoil 2; yellow clay 7; blue clay 67; black shale 68. Water at 67.
	n XII n XII	*	28 28	O. Robinson	O. Kimball	Sep.15,1960 Nov.28,1960	6	3	55	25	Fresh	D,S	Topsoil 2; yellow clay 9; blue clay 60; black shale. Dry hole. Topsoil 2; yellow soil 12; blue clay 25; stony clay 30; blue clay 60; black gravel 62. Water at 62.
α	n XIII		26	T. Butler	R.W. Simpson	May 25,1962	4	5	18	14		D,S	Topsoil ?; yellow clay 8; blue clay 50; black shale. Water at 50.

	AMBTON COUNTY Dawn Twp co Con XIII	ont. lot	28 28 28 28 28 28 28 28 28 28 28	W. Butcher	R.W. Simpson  S. Earl R.W. Simpson	Dec. 8,1961 Dec.10,1961 Dec.12,1961 Dec.15,1961 Feb.19,1962 May 20,1962 May 21,1962 May 25,1962 May 27,1962	***************************************	5	18	16	Fresh		Topsoil 2; yellow clay 9; blue clay 50; black shale 52. Dry hole. Topsoil 2; yellow clay 9; blue clay 49; black shale. Dry hole. Topsoil 2; yellow clay 9; blue clay 50; black shale. Dry hole. Topsoil 2; yellow clay 8; blue clay 50; black shale. Dry hole. Clay 50; black shale 72. Dry hole. Topsoil 2; yellow clay 9; blue clay 50; black shale. Dry hole. Topsoil 2; yellow clay 9; blue clay 50; black shale. Dry hole. Topsoil 2; yellow clay 9; blue clay 50; black shale. Dry hole. Topsoil 2; yellow clay 10; blue clay 50; black shale. Dry hole. Topsoil 2; yellow clay 9; blue clay 50; black shale 51. Dry hole. Topsoil 2; yellow clay 9; blue clay 49; loose shale 50; black shale 51. Vater at 50.
	∞n XIII		31	P. Snopko	O. Kimball	Jul.26,1961	6	4	24	12			Brown clay 12; blue clay 56; black gravel 60. Water from 56 to 60.
	©n XIII		31	•	R.W. Simpson	Nov.19,1962	4	5	18	16	•	D,S	Topsoil ?; yellow clay 8; blue clay 60; black shale 61. Water at 60.
	Con XIV	-	22	C. Moore	G. McGaffey	Aug.31,1962	4	5	35	30	•	D	Top send 4; yellow clay 12; blue clay 45; hardran 54; black blue shale 79. Water at 60.
	Eniskillen Tw												
	Con I Con I	lot	9	F. Mills E. Gosnell	E. Morningstar R.W. Simpson	Dec.10,1963 Jun. 1,1962	5	6	24 20	15 16	Fresh	D,S	Yellow clay 14;b ue clay 74;black shale gravel. Water at 74. Topsoil 2;yellow clay 7;blue clay 57;loose shale 58;black
	Con I	**	15		H.A. Brandon	Nov.24,1960	4	8	22	22			shale 59. Water at 57. Red clay 10; blue clay 55; gravel 62; black shale 65; dark grey
217	Con I		16	D. Evoy	E. Morningstar	Oct. 9,1963	5	-					rock 69. Water at 65. Yellow clay 10; blue clay 50; fine gritty black shale 56; grey
73	Con I		16	B. EVOY	B. Wormingstar	Oct.25,1963	5						limestone 68;black shale 73;grey limestone 81;shale scapstone 84;grey limestone 87;black shale 90;soapstone 91. Dry hole. Yellow clay 11;blue clay 53;grey limestone 57;soapstone 58; black shale 61;limestone 61;black shale 67;grey limestone 70. Dry hole.
	Con I Con I		23 29	J. Lassaline G. Moore	C. Webster O. Kimbell	May 7,1960 Nov.22,1961	6 6	10 3	33 29	23 17	Fresh	D,S	Subsoil 6; blue clay 78; bedrock black shale 78. Water at 78. Brown clay 8; blue clay 43; black gritty sand gravel 44. Water at 43.
	Con I	•	29		Dolphin & Earl	Dec.16,1961	4	5	25	16	•	s	Yellow clay 14; blue clay 40; hardpan 44; black shale. Water at
	Con II		22	J. Mitchell	E. Morningstar	Jul.14,1963	5	6	33	32	,#	D,S	Yellow clay 13; blue clay 58; gritty clay 59; black shale 61.
	Con II		23	I. Spearman	L. Rawson	Jun.18,1963	4	10	20	9		s	Water at 61. Topsoil 9; blue clay 51; hardpan 53; black shale 57. Water at
	Con II		27	F. Ozi		Apr. 9,1963	4	10	20	20		D,S	53.   Topsoil 12; blue clay 62; hardman 63\frac{1}{2}; black shale 65. Water at
	Con III		9	W. Brandon	H.A. Brandon	Apr.15,1962	7			14	Sulphur	N	63%.   Blue clay 58; black shale 103; hard grey rock 203. Water from
	Con III		13	J. Bailey	E. Morningster	Sep.14,1963	5	6	29	20		D,S	180 to 200. Yellow clay 12; blue clay 50; shale clay 60; dark grey rock 67;
	Con III Con III Con IV Con IV		23 31 9 15	C. Beveridge B. Cameron T. Mackesy Ont.Dept. of Highways	J. Chrysler. L. Rawson H.A. Brandon S.J. Atkinson	Jun.24,1963 May 8,1963 Jul.21,196 Aug.29,1963	6 4 6	3 19 10	29 26 31	20 20 22	Fresh Sulphur Fresh	S D D,S	sampstone 69; hard black rock 84. Water at 83. Top clay 4; blue clay 70; rock. Water at 70. Topsoil 10; blue clay 618; shale 67. Water at 618. Red clay 20; blue clay 90; black shale 99. Water at 91. Clay 58; black shale 125. Water at 58. Insufficient quantity.
	Con IV		15		•	Sep.17,1963	6						Topsoil 1; blue clay 62; shale 184; limestone scapstone 187;
	Con IV		15	*	•	Oct. 5,1965	6	1	93	26	Presh	P	limestone 192. Dry hole. Topsoil 1;blue clay 64;black shale 102. Water at 65.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	1		OWNER	DRILLER	COMPLETION DATE	DIA- METER	22.0	ING LEVEL	LEVEL	KIND OF WATER	OF WATER	(Depths to which formations extend below the surface are given in feet)
BTON COUNTY -	cont				-							
iskillen Twp				A Secondary and								
on IV 10	ot 1		H. Park J. Lefabore	L. Rawson H.A. Brandon	May 25,1962 Jan. 7,1961	4	10	25 20	23½ 18 40	Fresh	D,S	Topsoil 12; blue clay 78; hordoon 82; shale 85. Water at 82. Red clay 18; blue clay 58; black shale 71. Water at 58.
on IV		2	M. Walker	H. Morningstar	Sep.25,1961	4	5 8≱	30	40		D,S	Yellow clay 10; blue clay 56; black shale. Water at 56.
			R. Downie	C. Webster	Nov.18,1961		- 2	,,,	47		Ň	Top yellow clay 5; blue clay 55; stony hardban 57. Water at 57.
on IV		2		*	Mar.18,1962	10						Top dark clay 3:blue clay 52:dark clay hardpan 55. Dry hole.
on IV		2		1 - 1	Mar.25,1962	10						Blue clay 55; hardban 58. Dry hole. Gas at 55.
on IV		2			Sep.18,1962 Sep.21,1962	10						Topsoil 2; blue clay 55; hard black clay 57. Dry hole. Gas at 5 Topsoil 2; blue clay 53; hard pan 55. Dry hole.
		2		*	Oct. 1,1962	10	1 5		17 30	Fresh	N	Topsoil 2; blue clay 54; hardon 58.
On IV	* 2	2		G.G.Hussey & Son	Jun. 6,1963	4	5	45	30		D,S	Brown clay 10; blue clay 57; black shale 60. Water from 57 to 60.
On V	* 9		B. Grey	H.A. Brandon	Mar.22,1962	4	10	32 40	22	:	۵	Red clay 18; blue clay 89; black shale 102. Water at 94.
on V on V			R. Randall H. Bradley	L. Rawson	Aug.12,1961	4	10 8	40 26	22 26		D	Topsoil 10; blue clay 58; hardoan 62; shale 65. Water at 62.
	" 1		C. Stokes		Jun.13,1963 Jun.17,1963	4	3	50	25		D D	Topsoil 12; blue clay 57; hardon 60; shale 66. Water at 60. Topsoil 12; blue clay 57; hardon 612; black shale 66. Water
											-	et 61.
on V '	* 2	8	R. Cameron	Dolphin & Earl	Jul. 6,1960	4	10	25	25		D	Yellow clay 10; gravel hardban 42; gravel 46; hardban 48; gravel 54; hardban 64; black shale 65. Water from 64 to 65.
On V	<b>"</b> 3	2	J. Lourey	•	May 16,1963	4	3	30	20		S	Yellow clay 12; blue clay 55; hardon gravel 57. Water from 55 to 57.
~11 11	* 4		W. Anderson	H.A. Brandon	Aug. 1,1962	4						Blue clay 71; black shale 91. Dry hole.
On vi	e 4				Aug. 3,1962	4						Blue clay 71; black shale 86. Dry hole.
On AT	* 4				Aug. 5,1962 Aug. 15,1962	4						Blue clay 71; black shale 86. Dry hole. Blue clay 71; black shale 86. Dry hole.
on VI			G.H. Scott	L. Rawson	May 24,1963	4	6	35	22	Fresh	D,S	Topsoil 12; blue clay 71; hardpan 73; black shale 74. Water at
		.										73.
bn VI	<b>"</b> 1	2	J. McDonald	E. Morningster	Nov.27,1963	5						Yellow clay 9; blue clay 65; gritty fine black shale 93; hard black shale 100. Dry hole.
on VI			F. Havlik	L. Rawson	Nov. 7,1960	4	10	44	13	Fresh	D	Topsoil 11:blue clay 53:hardpan 54:shale 56. Water at 54.
On VI			R. Walker		Aug.30,1962	4	1		13 36 13	Sulphur	D,S	Torsoil 12; blue clay 52; hardpan 53; shale 62. Water at 53.
on VI on VI			A. Core R. Marriott	H.A. Brandon	Jul.21,1962 Jun.15,1962	4	5 5 3	15 16	13	Fresh	D,S D,S	Blue clay 54; black shale 56. Water at 55. Blue clay 54; black shale 57. Water at 56.
on VI			J. Marriott	A.A. Heel	Feb.22.1961	4	3	45	13 13		Ď	Topsoil yellow clay 10; blue clay 43; hardran 45; black shale
		1										54. Water from 43 to 45.
bn VII '	1	5	L. Damphouse		Sep.12,1960	4	4	68	50		D	Topsoil yellow clay 10; blue clay 59; coarse sand 60; blac
on VII	• 1	5	K. Woods	W. King	Jul.10,1961	L						shale 70. Water from 59 to 60. Prown clay 11; blue clay 55; shale. Dry hole.
		5	# #OOGS	** K110	Jul.19,1961	4						Brown clay 10; blue clay 55; black shale 60. Dry hole.
on VII	• 1		L. Demphouse	A.A. Heal	Feb.12,1962	4	5	41	21	Fresh	D,S	Yellow torsoil 14; blue clay 58; hardren 60; dark rack 63%.
on VII	" 1	7	K. Retcher	H.A. Brandon	Sep. 5,1962	4	5	16	12		D,S	Water at 59. Blue clay 46; black shale 49. Water at 43.
on VII	. 2	5	E. Osborne	Dolphin & Earl	May 25,1962	4						Yellow clay 10; blue clay 45; black shale 55. Dry hole.
on VIII	<b>"</b> 1	6	C. Maitland	L. Rawson	Sep. 8,1960	4 ½	2	57	43	*	D,S	Topsoil 11; blue clay 54; hardpan 55; black shale 57. Water at 55.
on IX	<b>*</b> 4		W. Shan	F. Jackson	Mer. 5,1960	4	10	60	15		D	Clay topsoil 2; yellow hardpan 10; blue clay 40; outcksand 50;
on X	• 3		N. Blackstock	S. T. Atletonoon	Nov.15,1961	L.	<b>√1</b>		135		N	blue clay 88;gravel 89;black shale 90. Water at 40, 88 and 9 Light santy loam soil 4;grey clay 12;light blue clay 1121;
on A	,	1	M. DIACKRIOCK	O.J.AUKINSON	1404 * 13 * 1301		X7		1))	NE.		black shale 128; grey rock 132; soopstone 134; grey rock 135;
												spanstone 137; grey rock 138. Water at 124.
on X	<b>"</b> 3		**		Nov.21,1961	4			91	*		Light sandy loam soil 2; quicksand 14; light blue clay 1151;
												black shale 126;grey rock 131;soanstone. Water at 123.
Grant St.	• 3			a d	Dec.15,1961	4						Insufficient water. Light sandy loam soil 4; fine sand 10; light blue clay 110;
on X '												

Enniski	COUNTY -		con				4.						
Con X		lot	4	A. Ellenor	D. Wade	Jul.24,1963	4						Yellow clay 12; grey clay 103; hardpan 106; black shale 126; grey limestone 130. Dry hole.
∞n X		**	23	A. Toenders	A.A. Heal	May 10,1960	6	2	57	19	Fresh	D	Topsoil yellow clay 14; blue clay 56; hardpan 57; black shale 75. Water from 70 to 75.
Con X			29 4	L. Oriet L. Slack	L. Rawson	Nov.15,1962 Jun.22,1961	4	4	50	15		D	Topsoil 8; blue clay 59; hardpan 60; shale 64. Water at 60. Topsoil 14; blue clay 123; gravel 125; limestone 140. Dry hole.
Con X		•	9	C. Acker	G.G. Hussey	Jun.12,1963	4	2	105	60	•	D	Brown clay 10; blue clay 104; black shale 106; hard grey rock 120. Water at 120.
Con X	I	•	10	G. Ingram	L. Rawson	Sep.26,1962	4	10	65	60	•	N	Topsoil 11; blue clay 89; hardpan 93; limestone 95. Water at 93.
Con X			10 10	Houlett Bros		Sep.29,1962 Oct. 5,1962	4	5	66	65	Sulphur	D	Topsoil 11; blue clay 92; hardon 93; limestone 95. Water at 93. Topsoil 11; blue clay 87; limestone 97. Dry hole.
Con X		*	10	noutett Bros		Oct.12,1962	4	4	90	60	•	D	Topsoil 11; blue clay 58; hardpan 89; limestone 100. Water from 96 to 97.
Con X			25	U. Lebert		Nov. 9,1962	4						Topsoil 8; blue clay 50; shale 55. Dry hole.
Con X		×	25 28	J. Lebert E. Dupuis	Dolphin & Earl G.G. Hussey	May 14,1963 Mer.20,1962	43	5	15	20	Sulphur	D,S	Loam 3; yellow clay 15; blue clay 52; black shale 106. Dry hole. Brown clay 10; blue clay 58; black shale 60. Water from 58 to 60.
Con X		W	29 6	W. Shortt A. Campbell	L. Rawson A.A. Heel	Dec. 6,1961 Oct.28,1960	4	10	50	9	Fresh	D	Topsoil 9; blue clay 60; hardban 62; shale 65. Water at 62. Topsoil yellow clay 18; blue clay 109; hardban 111; limestone
Con X	11		6			Nov. 1,1960	4						132. Dry hole. Topsoil yellow clay 16; blue clay 107; hardpan 112; limestone
Con X			23	K. Drope	L. Rawson	Aug.17,1963	4			,			Topsoil 11; blue clay 60; hardban 65; black shale 70. Dry hole.
Con X		**	23	:		Aug.19,1963 Aug.21,1963	4	6	54	34	Fresh	D.S	Tops611 12;blue clay 60;hardpan 63;black shale 67.Dry hole. Tops611 12;blue clay 62;hardpan 65;black shale 69. Water at
Con X			23	J. Fergson		Nov.27,1963	4	4	55	35	•	D,S	65. Topsoil 10; blue clay 65; hardpen 67; black shale 70. Water at
Con X			25	L. Tanner		Nov.20,1963	4						67. Topsoil 9; blue clay 57; black shale 67. Dry hole.
Con X	II	*	25		:	Nov.21,1963 Nov.25,1963	4	4	50	30	Presh	D	Topsoil 9; blue clay 58; black shale 63. Dry hole. Topsoil 10; blue clay 55; bordpen 58; black shale 64. Water at
		H					4	1	00	90	rrean	,	58.
Con X		÷	4	H. George		May 10,1963 Jun. 3,1963	4						Topsoil 18; blue clay 128; limestone 140. Dry hole. Topsoil 12; blue clay 130; limestone 145. Dry hole.
Con X	III		7	N. Choptovy	G.G.Hussey	Aug. 6,1963	4						Sand clav 20; clay streaks eand gravel 138; gravel 140; dark rock 203. Dry hole.
Con X	III	W	7	•	-	Aug.12,1963	4				1		Clay sand 20; clay streaks sand 138; gravel 140; dark rock 185. Dry hole.
Con X	III		7	•	•	Aug.18,1963	4	1	140	20	Fresh	D	Sand clay 20; clay streaks sand 140; dark rock 171. Water from 140 to 141.
Con X	III		9	M. Miller	L. Rawson	Oct. 6,1960	4	10	55	18		D	Gravel 14; blue clay 135; hardpan 137; limestone 139. Water at 137.
Con X	III	*	13	F. Campbell	G.G. Hussey	Jun.26,1963	4	1	90	20		D	Brown clay 10; blue clay streaks gravel 101; black sand 114; Black rock 120. Water from 119, to 120.
Con X		*	18	R. Cochrane	L. Rawson	Nov. 7,1962	4					_	Topsoil 13; blue clay 64; shale 72. Dry hole.
Con X			20	A. St.Pierre H. VanGeffel	A.A. Heal	Sep.23,1961 Apr. 7,1960	6	1 1	70 62	12 24	Fresh	D D	Topsoil 12; blue clay 68; hardban 69; shale 82. Water at 69. Topsoil yellow clay 12; blue clay 62; hardban 64; black shale
					_		,			7			67. Water from 62 to 64.
Con X		-	26	A. Butler		Feb.24,1961	6						Topsoil yellow clay 12; blue clay 532; hardpan 542; black shale. 60. Dry hole.
Con X	III	**	26	•		Mar. 1,1961	6						Topecil yellow clay 12; blue clay 54; hardpan 55; black shale 60%. Dry hole.
Con X	III		26	•	•	Mar. 3,1961	6						Topsoil yellow clay 12; blue clay 54; hardpan 55; black shale 62. Dry hole.
-			1.	2 Footnotes giv	ing the meanings of	location abbre	viatio	ns and	of symb	ols de	signating	11585	of wells may be found at the end of Appendix C.

LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMBTON COUNTY - Eniskillen Twp. Con XIII	lot	cont. 26	A. Butler D. Duncan	A.A. Heal	Mar. 4,1961 Jul. 8,1960	6	11	60	20	Presh	D	Topsoil yellow clay 12; blue clay 54; hardpan 542; black shale 60. Dry hole. Topsoil yellow clay 12; blue clay 61; hardpan 62; shale 65.
Con XIV Con XIV		17 31	O. Brooks W. Johnson	R. Marsh L. Rawson	Jul.18,1961 Oct.10,1963	10	10 4	25 48	6 <u>1</u> 34		D D,S	Water from 61 to 61½.  Topsoil 4;blue clay 30;gravel. Water at 30.  Topsoil 11;blue clay 53;hardpan 57;black shale 60. Water at 57.
Con XIV Con XIV		31 31	:	:	Oct.22,1963 Oct.23,1963	4						Topsoil 8; blue clay 54; hardpan 56; black shale 60. Dry hole. Topsoil 8; blue clay 51; hardpan 55; black shale 58. Dry hole.
Euphemia Twp. Con I Con I Con I	lot	16	G. Bilton	S.Earl R. McGaffey	May 25,1960 Jul. 1,1960 Jun.30,1961	8 4 7	₹ <u>₹</u> 8	25 45	5 42	Salty Sulphur	N D	Blue clay 25; black shale 54; grey shale 108. Water at 12. Blue clay 28; black shale 60; grey shale 72. Dry hole. Topsoil sand 2; clay 17; blue clay 43; hardpan 44; gravel 45; black shale 70; hard grey rock 77. Water at 43, 50 and 70.
Con I	*	16	E. Hartwick	W. Marsh	Nov. 8,1962	5	15	45	25	*	D	Brown clay 12; blue clay 42; black shale 60; grey rock 90. Water at 46.
Con I		16	L. Hopper		Nov.14,1962	5	2	72	35	*	D	Brown clay 12; blue clay hardpan 40; black s'ale 63; grey limestone 72. Water at 42.
Con I Con I Con I Con I Con I Con I	•	16 16 16 16	W. North G. Bilton B. Bell G. Forsheay	R. Pinsonneault S. Earl " R. McGaffey	Dec.22,1962 Jun. 5,1963 Aug. 6,1963 Aug. 8,1963 Aug.28,1961	4 4 4 7	32 8 4 10	41 34 30	31 26 24 27 17	Sulphur	D N N D	Topsoil 2; yellow clay 18; blue clay 38; shale 51. Water at 48. Clay 34; black shale 53. Water from 34 to 39. Clay 39; hardban 42; black shale 69. Water at 42. Clay 37; hardban 43; black shale 70. Water at 43. Topsoil clay 2; yellow clay 17; blue clay 43; haraban 44; gravel
Con II	•	23	R. Bilton	S. Earl	May 23,1960	4	5	45	20	Fresh	D	45; hard black shale 68; hard grey rock 77. Water at 44 and 70. Clay 3; black sand 9; blue clay 57; sand 60; grey shale 62; black shale 72. Water at 62.
Con II		26	A. Dykeman	R.W. Simpson	Apr.25,1960	4	5	41	38		D,S	Topsoil 2; yellow clay 9; blue clay 49; loose shale 50. Water at 49.
Con II		34	G. Armstrong	Weatherstone W. & Williams D.	Nov.16,1962	6	10	26	17		D,S	Top clay 3; blue clay 41. Water at 41.
Con III Con III		30 34	R. Recker R. Damphouse	O. Kimball	Nov.14,1962 Oct. 1,1960	6 10	10	28	18 23	Sulphur	D,S	Top clay 5; blue clay 47. Water at 47. Top yellow clay 8; blue clay 42; dark gritty hardnen 43. Water at 43.
On III		34	*		Oct. 2,1960	10			22		N	Yellow clay 8; blue clay 42; dark gritty hardpan 43. Water at 43.
Con III	*	34	•	Weatherstone W. & Williams D	Dec. 2,1963	6	4	27	19	Fresh	D	Top clay 8; blue clay 4C. Water at 40.
Con IV Con V	*	32 17	R. Kimbell O.G. Rolston	S. Earl	Nov. 12, 1962 Nov. 5, 1963	6	10 10	30 35	20 16		S D	Top clay 6; blue clay 51. Water at 51. Red sand 9; clay 55; hardban 74; grey shale 83. Water from 79 to 80.
Con V Con VI		20 23	G. Chambers W. Annett	E.R. McGaffey R. McGaffeý	Jun. 9,1962 Sep.10,1961	4	50 5	Flows 16	Plows 9		S D,S	Previously drilled 42; hardon 45½; rock 49. Water at 49. Topsoil 2; yellow clay 9; blue clay 57; hardpan 60; coarse gravel 63. Water from 60 to 63.
Con VII	•	20	C. Hardacre	G.L. McGaffey	Sep. 7,1962	4	5	25	10	н	D	Top sand 10; blue clay 55; hardpan 67; gravel 69; hard grey rock 78. Water at 69.
Con VIII	*	19	M. Stenger	W. Marsh	đù1.25,1962	6 <del>2</del>					N	Sand 15; grey clay 60; hardpan 73; black grey shale 78. Water from 8 to 12.
Con VIII Con X		22 26	B. Colhan C. Pergel	G.L.McGaffey S. Earl	Aug.15,1962 Oct.11,1960	4	1	70	7	Fresh	ם	Top sand 12; clay 67; surface gas hardpan fine sand 73; gravel 79; black shale 80. Water at 80. Red sand 8; black sand 10; blue clay 83; gravel 84; grey shale. Water at 84.

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,	LAMBTON COUL	NTY - co	nt.										
	Euphemia To Con X Con X Con XIV	wp co	ont. 26	C. Pergel R. Kesting F. Christener	S. Earl Dolphin&Earl W. Marsh	Apr.12,1961 Jan.15,1962 Nov. 2,1962	4 4 5	7 10 5	12 20 45	5 12 35	Fresh Sulphur	D,S	Sand 10; clay 73; hordoon 8h; grey shale 84. Water at 84. Sand 14; blue clay 71; rrayel 72. Water at 72. Brown clay 10; blue clay 38; black shale 57; grey rock 60.
	∞n XIV	19	16	T. Price	S. Earl	Jun. 4,1963	4	< ₹	42	31	×	D	Water at 38. Sand 4;clsy 41;black shale 62;grey shale 84. Water from 41 to 42.
	Con XIV Con XIV Con XIV	*	16 16 17	F. Wolfe G. Osborne	17 10 10	Nov.30,1963 Dec. 2,1963 Jun.18,1960	4 4 4	5	24 14	24 14	Fresh Sulphur	ם	Sand 3;clay 40;hariban 41;black shale 61. Dry hale. Sand 10;clay 28;black shale 40. Water at 28. Clay 22;hardpan 25;black shale 38. Water at 38.
	Forest Town	n		Forest P.U.C.	A.A. Heal	Nov. 6,1961	8	25	75	75	Fresh	P	Topsoil gravel 12; blue clay 105; black gravel 108; black shale 110. Water at 6, and from 105 to 108.
	Grand Bend Grand Bend Grand Bend Grand Bend	Village	9	Grand Bend J. McInnis M. Vecsi	A.A. Heal R. Hudson	Oct.23,1960 Oct.25,1960 Jun.12,1963 Jun.14,1963	4 4 36 36	10 6	24 18	18 16	Fresh	T P P	Sand gravel 15, grey clay 20. Sand grevel 14%; clay. Dry hole. Sand 10; grevel 24; blue clay 38. Water at 18. Sand 22. Water at 16.
22 1	Kettle Poin Con C Con D	Rese		D. Bressette J. Alton	Dolphin & Earl A.A. Heal	Jul.30,1962 Jun. 2,1960	4	12	20 45	14 25	Fresh Salty	ם	Sand 9; blue shale 27; grey rock 35. Water at 9 and 27. Black soft shale 6; black hard shale 34; limestone 38; grey shale 40; limestone 42; grey shale lime streaks 50. Water from 40 to 42.
	Moore Twp. Con I Con I	loi	25	R. Bankin H. Lumley E. Japp	D. Wade	Aug. 7,1962 Feb.19,1960 Jan.12.1962	4 4	10	70	18	Fresh	מ	Yellow clay 4; blue clay 142; hardpan 158. Water at 158. Yellow clay 10; grey clay 37; blue clay 140; hardpan 143; grey shale 174. Dry hole.  Loam 1; hard clay 12; blue clay 73; hardpan 75. Dry hole.
	Con III		4	# # # # # # # # # # # # # # # # # # #	W	Jan.18,1962	4						Down 1; hard brown clay 12; blue clay 75; black shale 92.
	Con III	*	4	-	я	Jan.25,1962	4						Loam 1; hard brown clay 12; blue clay 75; black shale 92. Dry hole.
	Con III	W	4	"	*	Dec.28,1962	4						Yellow clay 8; blue clay 75; black chale 92; brown shale. Dry hole.
	Con III	*	4	*	M	Jan. 4,1963	4						Yellow clay 10; blue clay 73; hardpan 75; black shale 90. Dry hole.
	Con III	"	7	M. Rumbold	D. Wade	May 14,1963	4						Yellow clay 12; blue clay 106; hardpan 110; black shale 125. Dry hole.
	Con III	•	7	•	*	May 29,1963	4	<₽	125	23	Fresh	D	Yellow clay 12; blue clay 104; hardpan 108; black shale 125. Water at 114.
	Con III		13	P. Clubb	H.A. Brandon	Jul. 19,1962	4	5	42	30		D,S	Blue clay 120; boulders send gravel 138; black shale 141. Water at 140.
	Con III Con III		17 22	D. Douglas H. Maw	D. Douglas D. Wade	Oct.11,1963 Aug.17,1963	3	3	40 188	35 120		D,S	Top brown clay 10; blue clay 144; black slate 146. Water at 145. Yellow clay 10; blue clay 125; soft blue clay 140; hardpan 152; grey limestone 160; grey shale 188. Water at 158.
	Con IV	W	1	E. Pierce	G.G. Hussey	Jun.18,1963	4	11	90	43	•	D,S	Brown clay 10; blue clay 98; coarse black sand gravel 103. Water from 98 to 103.
	Con IV	•	6	R. Madill	D. Wade	Nov.30,1963	4	1	117	43		D	Wellow clay 8; blue clay 109; hardban gravel 112; black shale 117. Water at 112.
							1						

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCAT	rion 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MBTON COUNT												
loore Twp Con IV	cont.	13	B. Poland	S.J. Atkinson	Dec. 5,1962	4	5	95	30	Fresh	D	Loam 2; blue clay 114; gravel 118; black shale 136. Water from
Con IV Con IV		13 15	H. Daley	R. Marsh	Oct.19,1963 Oct.20,1960	4 2	1 1 ½	97 132	95 70	Fresh	D D,S	114 to 120. Loam 2;blue clay 121;gravel. Gas. Yellow clay 4;blue clay 117;butty clay 130;shale fine black
Con IV	н	15	A. Eyers	D. Wade	Jul.26,1962	4	3	110	90	×	D	sand 132. Water at 130. Yellow clay 8; blue clay 126; hardban 130; black shale 137.
Con IV	**	16	J. McDonald	W. King	Oct.31,1960	4	5	60	60	**	D,S	Water at 130. Loam 2; hard clay 14; blue clay 135; hardpan 140; gravel 141.
Con IV		16	D. Gray	D. Wade	May 8,1963	4	5	60	37	п	D,S	Water at 140. Yellow clay 15;blue clay 139;hardban 145;black shale 153.
Con IV	**	19	A. Heyward	H.A. Brandon	Dec.17,1961	4	1	283	9	æ	D,S	Water at 145. Red clay 22; blue clay 140; broken formation 189; black shale
Con V		6	Moore Twp.	A.A. Heal	Aug.22,1963	6						289. Water at 205. Fellow topsoil 10; blue clay 114; harden 115%; black shale 131
Con V	H	6	School Area 3		Aug. 26, 1963	6	ž		75	Fresh	IÚ.	Dry hole. Yellow topsoil 10; blue clay 116; hardpan 118; black shale
Con V	n	6	100	n	Sep. 7,1963	6	8	72	66	**	P	1342. Water at 117. Topsoil yellow clay 10; blue clay 111; hardwan 1152; black shall
Con V	m	7	Brigden	D. Wade	Jun.17,1961	4	5	125	103	n	In	123. Water from 112 to 115%. Yellow clay 15; blue clay 117; sand gravel 118; black shale 130
Con VI		16	Creamery S.S.#15		May 17,1962	4	4	60	32	**	P	Water at 118. Yellow clay 12; blue clay 129; hardban 135; black shale 138.
Con VI	и	22	S.S.# 12	H.A. Brandon	Sep. 4,1960	4	1	60	37	**	P	Water at 135. Blue clay 85; hardpan 87; blue clay 118; gravel 120; black shal
Con VII	м	10	A. McBean	D. Wade	Feb.14,1962	4	14	35	29	**	s	121; black sand 124; black shale 151. Water from 124 to 151. Yellow clay 20; grey clay 113; sand gravel 115; black shale 12
Con VII	"	15	Kimball Ladies	R. Marsh	Jun.30,1960	4	3	60	31		P	Water at 123. Grey clay 5; blue clay 132; hard gritty clay 1372; sand 138.
⊙n VII	н	2?	Institute R. Trapp	S.J. Atkinson	Apr. 6,1962	4	10	40	40		D,S	Water at 138. Topsoil 2;grey clay 1262; fine sand black shale 128; coarse
Con VII	w	26	A. Bogaart	D. Wade	Oct.17,1963	4						black shale 134; hard grey limestone. Water at 126g. Yellow clay 8; grey clay 160; sand 169; grey shale 182. Dry
Con VII		26		•	Oct.23,1963	4						hole. Yellow clay 10; blue stony clay 157; hardran 165; grey shale 18
Con VII Con VIII	,		C. Druitt	S.J. Atkinson	Oct.31,1963 Oct.26,1963	4 4	1 5	80 90	38 92	Fresh	D,S	Dry hole. Yellow clay 12; blue clay 156; sand gravel 158. Water at 158. Topsoil 2; yellow clay 18; blue clay 128; hardpan 130; gravel
Con VIII			J. Richmond		May 12,1962	4	5	33 60	33 30	"	s	shale 134; gas. Water at 131. Old well 150; black shale 170. Water at 165.
Con IX	ū		School	H.A. Brandon	Nov.17,1960	4		75.1340			P	Clay loam 6; blue clay 74; gravel grey sand 79; blue clay 129; black sand gravel 131; black shale 138. Water at 131.
Con IX		14	E.& D. White	A.A. Heal	Jun.18,1962	4	6	48	44		D	Tonsoil yellow clay 14; blue clay 131; hardman 133; black shall 1332. Water from 131 to 133.
Con IX Con X	**	15 7	D. White W. Seeamillen	H.A.Brendon A.A. Real	Aug.25,1960 May 14,1963	6	75 5	40	40	*	D,S	Red clay 28; blue clay 134; shale 140. Water from 134 to 140. Yellow topsoil 15; blue clay 132; hardpan 135; black shale 139 limestone 142. Water at 1394.
Con X	**	9	S.P.Goodfellow	H.A. Brandon	Nov.11,1960	4	1 1	40	30	*	In	Red clay 6; blue clay 13°; gravel 135; black sand 136; black shale 242. Water at 136;
Con X Con X	**	13 13	J. Abra	L. Rawson	May 14,1962 May 31,1963	4	5	90 115	44 49	*	D D	Topsoil 12; blue clay 145; shale 160. Water at 145. Topsoil 12; blue clay 143; hardpan 1444; black shale 150. Water at 1444.
Con X	**	21	B. Wellington	H.A. Brandon	Aug.20,1960	4	75	57	55		D,S	at 144%. Red clay 24; blue clay 147; black shale 165. Water from 147 t 165.

	AMBTON COUNTY													
	Moore Twp C		27	H,	. Seward	D. Wade	Mar. 4,1961	3	3	98	98	Fresh	D,S	Clay sand 16; blue clay 141; sand 145; hardpan 148. Water at 148. Gas at 145.
	Con XI		7	G.	. Manley	A.A. Heal	Jun.25,1962	4	5	38	37	*	D	Topsoil wellow clay 14:blue clay 135; hardban black gravel 136; black shale 137: Water from 135 to 137.
	Con XI Con XI		13 13	E.	. Hayes	L. Rawson	Oct.19;1961 Oct.26,1961	4						Topsoil 14; blue clay 148; black shale 162. Dry hole. Topsoil 15; blue clay 110; quicksand 120; blue clay 148; black shale 158. Dry hole.
	Con XI		13		•	•	Nov. 9,1961	4	5	110	110	Fresh	D	Topsoil 10; blue clay 148; black shale 180. Water from 158 to 180.
	Con XI		22	T.	. McLaughlin	D. Wade	May 6, 1960	4	2	67	67		D,S	Clay sand 15; blue clay 128; hardban 135; black shale 145. Water at 135.
	Con XI	66	22	J.	. McLaughlin	•	Nov.15,1963	4						Yellow clay 16; grey clay 47; blue clay 133; hardpan 135; black shale. 144. Dry hole.
	Con XI		22 24	P.	. McLaughlin	:	Dec.21,1963 Jan.20,1960	4 3	5	65	42	Fresh	D,S	Yellow clay 12; blue clay 135; black shale 138. Dry hole. Yellow clay 12; blue clay 146; sand 147; black shale. Water at 147, 47
	Con XI	**	25	A.	. Parker		Jun.14,1962	4	5	70	65		s	Wellow clay 16; grey clay 152; hardban 156; black shale 162.
	PC	.00	20	W,	. Wark		Oct.11,1963	4						Quicksand 15;grey clay 65;grey clay gravel 139;hardoan 143; grey shale 150. Dry hole.
	PC PC		22 20	A.	. Waybrent	H.A. Brandon	Oct.12,1963 Nov. 8,1960	7	4 1≟	15 95	9 30		D D	Sand 4;quicksand 15;gravel. Water at 15.  Red clay 8;blue clay 163;gravel 167;beach sand 172;shale 230.  Water at 172.
223	PC PC		33 33	A.	. Clysdale	D. Wade	Nov. 2,1962 Nov.13,1962	4	5	25	20	Fresh	D	Sand 12; blue clay 128; sand 160. Dry hole. Dark clay 3; yellow clay 12; blue clay 128; sand 160. Water at 147 and 155.
u	FC	10	34	R.	. Lennan	**	Oct.11,1962	4						Yellow clay 12; blue clay 117; hardpan 197; blue clay 200. Dry hole.
	PC PC PC	**	34 34 36		. Cadger . Noyle	10 70 00	Oct.23,1962 Oct.27,1962 Aug.18,1960	4 4 3	4	75 70	30 50	Fresh	D D	Sand 12; blue clay 139; hordpan 204. Dry hole. Sand gravel 12; blue clay 142; hardban 160. Water at 145. Yellow clay 15; blue clay 135; sand gravel 144; gravel. Water at 144.
	FC	*	36	A.	. Long	S.J. Atkinson	May. 9,1962	4	5	70	70	78	D	Yellow clay 15; blue clay 138; gravel 163; sospstone 168; gravel 170. Water from 138 to 163.
	PC	149	36	Α,	. Jackman	D. Wade	Apr. 2,1963	4	5	58	58	w	D	Yellow clay 20; grey clay 136; sand gravel 164. Water from 148
	PC	**	37		oore Twp. chool Area	A.A. Heal	Apr. 1,1963	4	8	56	54		P	to 160. Topsoil yellow clay 18; blue clay 154; muddy sand gravel 160; clay sand gravel boulders 226; clean sand gravel 234. Water from 226 to 234.
	FC	.00	39	L.	. Short	D. Wade	Jun. 4,1963	4						Yellow clay 12; blue clay 134; hardnan 140; blue shale gravel
	FC		43	G.	. Murray	•	Jul.10,1963	4						160; grey shale 167. Dry hole. Yellow clay 12; grey clay 156; hard pan 191; grey shale 195.
	PC	*	52	N.	. Eastwood	*	Oct. 5,1961	4	7	75	60	Fresh	D	Dry hole. Yellow clay 16; blue clay 145; sand gravel 151; black shale 166. Water at 151.
	Petrolia Town Pétrolia Town			G.	. Knox	E.B. Hussey	Oct. 1,1960 Oct. 4,1960	4	70	115 70	22 23	Fresh	N C	Yellow clay 16; blue clay 85; herd grey rock 115. Water at 85. Yellow clay 16; blue clay 79; hardban black shale 83. Water from 82 to 83.
	Plympton Twp. Con I	lot	; 4	R.	. Dobbin	L. Rawson	Jan.13,1961	4		173	140	Fresh	N	Topsoil 3; sand 9; blue clay 161; limestone 173. Water at 170.

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LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MBTON COUNTY	- co	nt.	D. Dabbia	T Bawasa	T 20 1061	1,	10	40	1.5	Berry	D 0	m
Con I	lot		R. Dobbin	L. Rawson	Jan.29,1961	4	12	40	15	Fresh	1	Topsoil 3; sand gravel 14; blue clay 161; limestone 170. Water at 165.
Con I		23	R. Smith	•	Oct.21,1960	41/2	10	50	24	•	D,S	Topsoil 10; blue clay 71; hardban 72; black shale 74. Water at 72.
Con I		26	A. Lebert	Dolphin & Earl	~ul.1, 1963	4	1	23	5	•	D	Yellow clay 10; blue clay 65; hardnan gravel 66; black brown shale 81. Water at 66.
Con III		4	P. Loerts	L. Rawson	Dec. 2,1961	4	5	70	20	Sulphur	s	Topsoil 14; blue clay 85; gravel 105; blue clay 154; hardpan 158 limestone 166. Water at 158.
Con IV	•	26	A. McEwen	A.A. Heal	Mar.25,1961	4.	4	78	27	Fresh	D	Torsoil yellow clay 14; blue clay 1122; hardban 1132; black
Con IV		26	R. Minielly		Feb.14,1962	4	2	120	27	*	D,S	shale 117. Water at 113. Topsoil yellow clay 14; blue clay 61; muddy sand gravel 62;
Con IV		26		•	Sep.10,1962	4	4	47	27	•	D,S	clay 114;herdren 118;rock black shale 121. Water at 116. Old bored well 70;blue clay 114;herdren 118;black shale 122. Water from 117 to 118.
Con IV	•	27	J. Huybers	•	Apr. 8,1963	4	4	35	22		D,S	Yellow topsoil 16; blue clay 101; black sand 1052; black shale
Con IV	- 100	29	K. Minielly		Jul. 5,1962	4						109. Water from 101 to 1052. Yellow topsoil 15; sandy clay 17; blue clay 78; muddy hardpan
Con IV	•	29	•		Jul. 6,1962	4						82; rock black shale 85. Dry hole. Yellow topsoil 15; blue clay 75; muddy hardpan 81; rock black
Con IV		29			Sep. 6,1962	4	3	60	35	Fresh	D,S	shale.85. Dry hole. Yellow topsoil 15; blue clay 77; muddy hardpan 83; sand 84;
Con V		5	E. Dawson	L. Rawson	Oct.17,1962	4						black shale 108. Water at 83. Topsoil 11; blue clay 122; black shale 130. Dry hole.
Con V Con V		5 5 27	G. Hart		Oct.22,1962 Sep.18,1962	4	4	20	25	Person	D. C.	Topsoil 11; blue clay 120; shale 125. Dry hole.
				A.A. Heal			4	30	25	Fresh	D,S	Yellow topsoil 16; blue clay 101; sand 104; blue clay 107. Wate at 101.
Con V	•	30	R. Williamson		Mar.18,1961	4						Topsoil yellow clay 14; blue clay 78; hardban 83; black shale 102. Dry hole.
Con V		30	•	-	Mar.21,1961	4	<₹	-	35	Fresh	N	Topsoil vellow clay 14; blue clay 73; hardman 79; black shale 85. Water from 73 to 79.
Con VI		3	E. Campbell	D. Wade	Apr.10,1962	4						Clay stones 12; grey clay 106; blue clay sand 112; black shale 124. Dry hole.
Con VI		3	•		Apr.13,1962	4	1	126	20	Fresh	ם	Sand clay stones 12; grey clay 106; blue clay sand 112; black
Con VI		3	•	•	Apr.15,1963	4	3	70	40	*	D	shale 126. Water at 118. Yellow topsoil 16; blue clay 94; gritty clay 109; muddy hardba
Con VII		7	H. Jackson	A.A. Heal	Jul. 8,1961	4.	2	120	63		D	1102; sand 1112; black shale 1222. Water from 109 to 1112. Topsoil 12; blue clay 111; hard streaks clay 116; soft clay
Con VII		7		•	Jul.17,1961	4	1	116	63		D	117; hard black shale 123. Water at 117. Topsoil yellow clay 12; blue clay 109; hard streak 111; blue
Con VII		7			Jul.24,1961	4	•				-	blue clay 116; hardpan 118; black shale 123. Water at 117. Topsoil yellow clay 12; blue clay 117; hardpan 118; black shal
		-45	_	_		1	.,			<u>.</u>	_	128. Dry hole.
Con VII	-	7	-	. 3	Jul.28,1961	4	11/2	120	63	Fresh	D	Topsoil yellow clay 12; blue clay 110; hard dark clay 115; soft blue clay 117; hardpan 117; black shale 122. Water from
Con VII		26	A. Brouwer		Feb.19,1963	4	4	30	13	*	D.S	117 to 117%. Yellow topsoil 15; blue clay 55; gravel 59%; blue clay 60%.
Con VIII		12	A. Donkers		Oct. 6,1961	4	5	32	22		D	Water from 57 to 59. Topsoil yellow clay 12; blue clay 100; black sand 101; black
Con VIII		18	B. Jardine			4	i.		14			shale 103. Water from 100 to 101.
				_	Oct. 9,1962		4	15	14		D,S	Topsoil yellow clay 15; blue clay 75; hardpan 832; dark rock 842. Water at 80.
Con VIII		20	A. Verhoeven		Dec.16,1961	4						Topsoil yellow clay 15; blue clay 72; hardran 76; black shale Dry hole.

Plaympton Twp cont   Con VIII   Let20   A. Verhoeven   A.A. Heal   Dec.20,1961   4   2   75   12   Fresh   D.S   Topsoil yellow clay 15;blue clay 75;hardoan 76½;rock black   Shale 80. Water from 75½ to 76½.   Topsoil yellow clay 14;blue clay 54½;gravel 55½;gravelly clay 60. Water at 54.   Clay loam 3;yellow brawn hardoan 14;blue clay 105;black shale 87.   May 10,1961   4   5   5   22   D.   Topsoil yellow clay 14;blue clay 105;black shale 88.   Water at 54.   Clay loam 3;yellow brawn hardoan 14;blue clay 105;black shale 88.   Water from 82 to 84.   Topsoil yellow clay 15;blue clay 82;hardoan 84;black shale 88.   Water from 82 to 84.   Water from 85 to 84.   Topsoil yellow clay 13;blue clay 103;hardoan 84;black shale 88.   Water from 85 to 84.   Water from 85 to 84.   Topsoil yellow clay 13;blue clay 103;hardoan 84;black shale 88.   Water from 85 to 84.   Water from 85 to 84.   Topsoil yellow clay 15;blue clay 58;sand 60;blue clay 62.   Water from 85 to 60.   Water from 85 to 84.   Topsoil yellow clay 15;blue clay 106;blue clay 62.   Water from 85 to 60.   Water from 85 to 84.   Topsoil yellow clay 15;blue clay 100;blue clay 62.   Water from 85 to 60.   Water from 85 to 60.   Water from 85 to 60.   Water stop 10.   Sandy loam 3;yellow clay 12;blue clay 100;blue clay 62.   Water from 85 to 60.   Water at 69.   Clay 9;gravel 100;reproved 101.   Water at 69.   Clay 9;gravel 100;reproved 101.   Water at 69.   Wat	т	AMBTON COUNTY		cont	15									
On IX			-	cont.				. 1			- 1		i 1	
On IX		Con VIII	1	ot20	A. Verhoeven	A.A. Heal	Dec.20,1961	4	2	75,	12	Fresh	D,S	Topsoil yellow clay 15; blue clay 75; hardban 76; rock black
On IX		3on VIII		30	J. Venos	•	Aug.10,1961	4	3	53	27		D,S	Topsoil yellow clay 14; blue clay 542; gravel 552; gravelly
On IX		Con IX	•	2	J. Kozachuk	F. Jackson	Aug.21,1962	4	5	80	40		ם	Clay loam 3; yellow brown hardpan 14; blue clay 105; black shale
On IX		Con IX	**	15	J. Symington	A.A. Heal	ADT.26,1960	4	5	30	151	•	D	Topsoil yellow clay 15; blue clay 82; hordban 84; black shale 87
Con IX			**	23	R. Remsay	*	Mer.29,1961	4	-		22	-	D	Topsoil sand 13; blue clay 103; hor open 111. Water from 108
On X						•							D	Water from 58 to 60.
Con XI   12   R. Patterson   F. Rendle   Jun.11,1961   4   8   5   5   35   Fresh   Con XI   18   Further   School   A.A. Heal   Jul.27,1962   5   15   17   13   13   13   13   14   14   15   15   15   17   13   15   15   15   17   13   15   15   15   17   13   15   15   15   16   14   15   15   16   14   15   16   14   15   15   16   14   15   15   16   14   15   15   15   15   16   14   15   15   15   15   15   15   15					C. Symington	F. Jackson			2	122	28		ם	grit 110; black rock 122. Water at 110.
Sample   S				-				4						110; black shale 122. Dry hole.
On XII					Public School			6		17	35 13	Fresh		Yellow topsoil 15; blue clay 69; hardon 70; dark rock 78.
On XII		Con XI		19		•	Jul.17,1961	4	5	16	14	•	D,S	Yellow topsoil 14; blue clay 87; hardoan 89; grey rock 93. Water
Con XIII * 15 B. Douglas " Sep.13,1963 4 3 90 74 " N Tooscil yellow clay 15; blue clay 82; hardpan 84; black shale 91. Water from 83 to 84.  Con XIII * 15		Con XII	н	14	L. Robinson	*	Mar.18,1960	4	4	80	38		D	Topsoil yellow clay 14; blue clay 79; gravel clay 83; hardban 86;
Con XV		Con XIII	*	15	B. Douglas	**	Sep.13,1963	4	3	90	74		N	Topsoil yellow clay 15; blue clay 82; hardpan 84; black shale
LHF	i			-	•								_	100. Water from 83 to 85.
LHF		Con XV	*	28	Stanton Bros.	•	Feb. 1,1960	4	6	43	39		S	clay 84; hardpan 90; black shale 93; Water from 89; to
LHF " 24 C. Strangway " Apr. 3.1961 4		LHF	*	20	W. Ardnt	L. Rawson	Jul.15,1960	4		40	36		D	Topsoil 11; blue clay 105; hardpan 107; black shale 109. Water
LHP " 24		LHP		23	H.D. Druiett	A.A. Heal	Sep.29,1962	4					N	
LHF " 24 " " Apr.12,1961 4 5 60 41 " D Topsoil yellow clay 14; blue clay 90; muddy sand 102; black shele 102. Water from 96 to 98.  LHF " 24 A. Hilzinger " May 30,1962 4 1 110 39 " D Yellow topsoil 15; blue clay 92; gravel clay 96; muddy sand 102; black shele 118. Water at 962.  LHF " 24 H.O. Dexter " Jul.14,1962 4 1 104 40 " N Yellow topsoil 14; blue clay 93; gritty clay 98; very fine dirty sand 102; black shele 105. Water from 100 to 102.  LHF " 24 " " Jul.19,1962 4 1 104 40 " D Yellow topsoil 14; blue clay 90; gritty clay 98; sand mud 101; rock 104. Water at 90.  LHF " 26 " Jul.11,1961 4 1 96 44 " N Topsoil yellow clay 15; blue clay 94; hardpan 97; black shele 107, Water from 94 to 97.  LHF " 31 J. Schoonjans " Sep.28,1963 4 3 63 62 " D Topsoil fill yellow clay 15; blue clay 94; hardpan 97; black shele 107. Water from 94 to 97.  LHF " 39 D. Mitchell L. Rawson Aug.16,1961 4 10 60 55 " D Topsoil 12; blue clay 92; hardpan 102; black shale 104. Water at 103.  LHF " 39 R. Salk " Jul.25,1962 4 6 60 57 " D Topsoil 12; blue clay 92; hardpan 103; shale 104. Water at 103.				5.3	•				7	106			_	Water at 99%.
LHF " 24 A. Hilzinger " May 30,1962 4 1 110 39 " Display to the clay 93; therefore 96 to 102.  LHF " 24 H.O. Dexter " Jul.14,1962 4 1 104 40 " Nexter 4 96.  LHF " 24 " " Jul.19,1962 4 1 104 40 " Nexter from 100 to 102.  LHF " 26 W.C.P.Baldwin " Jul. 6,1961 4 1 96 44 " Nexter from 96 to 107.  LHF " 26 " " Jul.11,1961 4 12 98 44 " Display to 107. Water from 97; black shale 112.  LHF " 31 J. Schoonjans " Sep.28,1963 4 3 63 62 " Display to 107. Water from 96 to 97.  LHF " 39 D. Mitchell L. Rawson Aug.16,1961 4 10 60 55 " D Topsoil 10; blue clay 92; hardpan 102; black shale 104. Water at 103.  LHF " 39 R. Salk " Jul.25,1962 4 6 60 57 " D Topsoil 12; blue clay 92; hardpan 103; shale 104. Water at 103.			•		C. Strangway	-						- T	70	sand 98; black shale 102. Water from 96 to 98.
LHF " 24 H.O. Dexter " Jul.14,1962														102; black shale 118. Water from 96 to 102,
LHF " 24 " " Jul.19,1962 4 1 104 40 " D Yellow topsoil 14;blue clay 90;gritty clay 98;sand mud 101; rock 104. Water at 103.  LHF " 26 W.C.P.Baldwin " Jul. 6,1961 4 1 96 44 " N Topsoil yellow clay 15;blue clay 94;hardpan 97;black shale 107§. Water from 94 to 97.  LHF " 31 J. Schoonjans " Sep.28,1963 4 3 63 62 " D Topsoil fill yellow clay 15;blue clay 94;hardpan 97;black shale 107. Water from 94 to 97.  LHF " 39 D. Mitchell L. Rawson Aug.16,1961 4 10 60 55 " D Topsoil 10;blue clay 92;hardpan 102;black shale 104. Water from 100 to 103.  LHF " 39 R. Salk " Jul.25,1962 4 6 60 57 " D Topsoil 12;blue clay 100;hardpan 102;black shale 104. Water at 103.				7750.15				4	1	110				Water at 96%.
LHF " 26 W.C.P.Baldwin " Jul. 6,1961 4 1 96 44 " No Topsoil yellow clay 94;hardpan 97;black shale 107; Water at 99.  LHF " 26 " " Jul.11,1961 4 1½ 98 44 " D Topsoil fill yellow clay 15;blue clay 94;hardpan 97;black shale 107; Water from 94 to 97.  LHF " 31 J. Schoonjans " Sep.28,1963 4 3 63 62 " D Fill 2;topsoil yellow clay 15;blue clay 75;hard blue clay 99; hardpan 103;black shale 104. Water from 100 to 103.  LHF " 39 D. Mitchell L. Rawson Aug.16,1961 4 10 60 55 " D Topsoil 10;blue clay 92;hardpan 102;black shale 104. Water at 103.  LHF " 39 R. Salk " Jul.25,1962 4 6 60 57 " D Topsoil 12;blue clay 100;hardpan 103;shale 104. Water at 103.					n.o. bexter			h	١,	1.04			-	sand 102; black shale 105. Water from 100 to 102.
LHF " 26 " " Jul.11,1961 4 1½ 98 44 " D Topsoil fill yellow clay 15;blue clay 94;hardpan 97;black shale 107. Water from 94 to 97.  LHF " 31 J. Schoonjans " Sep.28,1963 4 3 63 62 " D Fill 2;topsoil yellow clay 14;blue clay 75;hard blue clay 99; hardpan 103;black shale 104. Water from 100 to 103.  LHF " 39 D. Mitchell L. Bawson Aug.16,1961 4 10 60 55 " D Topsoil 10;blue clay 92;hardpan 102;black shale 104. Water at 102.  LHF " 39 R. Salk " Jul.25,1962 4 6 60 57 " D Topsoil 12;blue clay 100;hardpan 103;shale 104. Water at 103.				24										
LHF " 31 J. Schoonjans " Sep.28,1963 4 3 63 62 " D Fill 2;topsoil yellow clay 14;blue clay 75;hard blue clay 99; hardpan 103;black shale 104. Water from 100 to 103.  LHF " 39 D. Mitchell L. Rawson Aug.16,1961 4 10 60 55 " D Topsoil 10;blue clay 92;hardpan 102;black shale 104. Water from 100 to 103.  LHF " 39 R. Salk " Jul.25,1962 4 6 60 57 " D Topsoil 12;blue clay 100;hardpan 103;shale 104. Water at 103.			**		W. C.P. Baldwin	•			-					107%. Water from 94 to 97.
LHF " 39 R. Salk " Jul.25,1962 4 6 60 57 " D Topsoil 10; blue clay 92; hardwan 103; black shale 104. Water from 103 to 103.  LHF " 39 R. Salk " Jul.25,1962 4 6 60 57 " D Topsoil 12; blue clay 100; hardwan 103; shale 104. Water at 103.				2.0			to restrict the second							shale 107. Water from 94 to 97.
LHF " 39 D. Mitchell L. Rawson Aug.16,1961 4 10 60 55 " D Topsoil 10; blue clay 92; hardwan 102; black shale 104. Water at 102.  LHF " 39 R. Salk " Jul.25,1962 4 6 60 57 " D Topsoil 12; blue clay 100; hardwan 103; shale 104. Water at 103.		LHP	*	31	J. Schoonjans		Sep.28,1963	4	3	63	62		D	Fill 2; topsoil yellow clay 14; blue clay 75; hard blue clay 99; hardpan 103; black shale 104. Water from 100 to 103.
Mar by a. Salk Sulk Sulk Sulk Sulk Sulk Sulk Sulk Su		LHP	•	39	D. Mitchell	L. Rawson	Aug.16,1961	4	10	60	55		ם	Topsoil 10; blue clay 92; hardoan 102; black shale 104. Water
		LHP		39	R. Salk	•	Jul.25,1962	4	6	60	57	•	ם	

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TEVET.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
P1:	BTON COUNTY -	- co		W. Gauld	A.A. Heal	May 23,1962	4	21	73	59	Fresh	D	Topsoil yellow clay 14; blue clay 79; herdban 83; black gravel
	r HF		44	C. Rodgers	n.A. desi	Dec.30,1963	4	4	50	50	n n	D	92%; black shale 94%. Water from 83 to 86 and at 92. Yellow topsoil 15; blue clay 78; hardpan 82%; black shale 85.
L	HP	**	46	N.C. Downs	**	Mag 21,1960	4	5	72	62	w	D	Water from 79 to 822. Topsoil yellow clay 15; blue clay 79; gritty clay 89; hardpan 92;
L	HP		46	R.J. Wilison	*	Jul.11,1963	4	4	64	64		D	black shale 95%. Water from 89 to 92. Yellow topsoil 16; blue clay 76; gritty clay 80; hardpan 93; black shale 98. Water from 86 to 93.
L	HF	×	47	F. Richardson	*	Jun.13,1960	4	4	71	62	n	D	Topsoil yellow clay 15; blue clay71; gritty clay 81; hardban 94.
L	HF	**	47	G. Ruth	L. Rawson	Aug.24,1961	4	9	68	60		D	Water from 82 to 93. Topsoil 11; blue clay 70; gravel sand 89; shale 95. Water from
L	HF	*	47	G.R. Griffith	A.A. Heal	May 29,1963	4	1	87	64	•	D	89 to 95. Yellow tonsoil 14; blue clay 74; hardon 84; black shale 87. Water from 83 to 84.
L	HF	**	47	H. Moore	**	May 31,1963	4						Yellow topsoil 15; blue clay 72; gritty clay 82; coarce sand 83;
L	HF		47		"	Jun. 5,1963	4						Black shale 96. Dry hole. Yellow toosoil 15;blue clay 811;hardban 83;black shale 88.
L	HF	Ü	47	H. Allerdins	#	Jun.11,1963	4	4	66	64	Fresh	۵	Dry hole. Yellow topsoil 15;blue clay 84;hardban 87;loose black shale
L	HF	W	47	H. Moore	**	Jun.14,1963	4						89. Water from 85 to 87. Yellow topsoil 16; blue clay 81; hardban 86; black shale 97. Dry
L	HF		47	"	**	Jun.17,1963	4	3	75	64	Fresh	υ	hole. Yellow topsoil 16; blue clay 81; hardban 85; black shale 86.
L	HP		47	P. Chalmers	"	Jul. 3,1963		< ₺		62	Salty	N	Water from 83 to 85. Yellow topsoil 16; blue clay 80; hardpan 89; black shale 115.
L	HF	"	47			Jul. 8,1963	4	1		61	Fresh	D	Water #1 114. Yellow topsoil 16; blue clay 81; hardoan 88; black shale 91. Water from 87 to 88.
L	HF	*	48	W. Cairns	"	Jul. 7,1960	5	3	63	59	98.	D	Topsoil yellow clay 12; blue clay 98; hardpan 83; soft black shale 83. Water from 82 to 83.
L	HF	w	48	W.Wheelton	"	Nov.25,1961	4	4	64	61	н	D	Topsoil yellow clay 14; blue clay 78; black gravel 812; black shale 83. Water from 78 to 812.
L	HF	*	48	H.W. Oates		Jul.23,1962	4	4	60	58	н	D	Topsoil yellow clay 15; blue clay 74; hardpan 82; black shale 872. Water at 74.
L	HP	•	49	H. Herrmann	*	Nov.11,1961	4	21/2	80	58 <del>1</del>		D	Topsoil yellow clay 15; blue clay 78; black gravel 81; blackshale 83. Water from 78 to 81.
L	HF	*	49	P.V. Leonard	*	Мау 3,1963	4	<₹	75	60		N	Yellow clay topsoil 15; blue clay 60; hardpan 75; black gravel 92; black shale 88. Water from 75 to 82.
L	HF	н	49		*	May 8,1963	4	11	90	60	*	D	Topsoil yellow clay 15; blue clay 60; hardpan 75; black gravel
L	HF	Ħ	50	W. Forsyth		May 24,1962	6	6	10	9		D	82;black grey shele 85;black shele 100. Water at 82. Sand 5;yellow clay 8;blue clay 12;hardpan 16;black shale 16\frac{1}{2}. Water at 16\frac{1}{2}.
L	HF	**	50	L. Acton	**	May 29,1963	4	2	20	19	*	D	Watter at log. Yellow clay 10; blue clay 25; black gravel loose black shale 35. Water from 29 to 32.
	rnia Twp. leck A	lot	10	B. Atkins	D. Wade	Nov. 4,1960	4	5	65	30	Fresh	ם	Yellow clay 16;grey clay 121;hardpan 125;black shale 126.
В	lock B	**	3	Star Top Drive	-S.J. Atkinson	Jan.25,1060	6	3	15	15	*	P	Previously drilled 125; black shale 140. Water at 130.
В	lock B		3	Spears Bros. Ltd.	A.A. Heal	Nov. 1,1963	4	4	32	30	н	P	Topsoil yellow clay 12; blue clay 122; hardren black send 123; black shale 125. Water from 122 to 123.

	AMBTON COUNT												
	Sarnia Twp Con I Con I	10	2 2	A. Franz	L. Rawson	Aug. 3,1962 Aug. 9,1962	4	21/2	120	31	Fresh	D,S	Topsoil 14; blue clay 152; limestone 165. Dry hole. Topsoil 15; blue clay 151; hardpan 152; limestone 160. Water at 152.
	Con II Con II Con II Con II Con II		7 7 7 9 10	V. Brydges  " C. VanAlten R.L. McDonald	F.W. Jackson	Apr.15,1960 Apr.29,1960 Nov. 3,1960 Jul.24,1963 Jun.29,1960	444 4 4 4	12 8	65 80	53 38	Presh Gas	D D	Topsoil 11; blue clay 122; limestone 132. Dry hole. Topsoil 11; blue clay 123; limestone 133. Dry hole. Topsoil 14; blue clay 123; limestone 143. Dry hole. Herdpan 15; blue clay 130; limestone 138. Water at 131. Heavy clay subsoil 2; yellow clay hardoon 14; blue clay 128. Water at 130.
	Con II Con III		13 2	J. Gerrits L.G. Miller	:	Oct. 1,1963 Nov.11,1960	4 4	10	70	53	Fresh	D	Topsoil hardban 10; blue clay 150; limestone 165. Dry hole. Clay loam 2: yellow clay gravel 12; blue clay 140; black gravel sand 150; rock 160. Water at 140 and 155.
	∞n III	*	17	Great Lakes Fabricator	L. Bawarn	May 23,1962	4	10	24	24	-	In	Topsoil 12; blue clay 118; hardpan 1182; shale 123. Water at 1182;
	Con IV Con IV		15 15	C.Jamizkiwick		Aug.16,1960 Aug.20,1960	4 4		124	32	Fresh	N	Topsoil 14; blue clay 119; black shale 128. Dry hole. Topsoil 14; blue clay 118; herdman 119; black shale 124. Water lat 119.
	Con IV	**	15	•	*	Aug.24,1960	4		125	45		N	Topsoil 14; blue clay 118; hardpan 119; black shale 125. Water at 119.
	Con IV Con IV		1 <sub>5</sub>	C. Sandercock	F.W. Jackson	Sep. 2,1960 Jan. 9,1960	4 5	4 10	90 60	32 25	:	D D,C	Topsoil 14; blue clay 118; hardpan 119; shale 125. Water at 119. Topsoil clay loam 3; yellow stony clay 12; blue clay 118; gravel 118; block shale 1212. Water at 118 and 120.
	Con V	**	2	W. Garside	A.A. Heal	Nov.19,1960	4	5	81	40	и	ם	Topsoil yellow clay 16; blue clay 135; muddy hardpan 138; limestone 142. Water at 141.
227	Con V	**	2	V.Swigart & J.W. Fraser	G.G, Eussey	Nov. 7,1961	4	20	60	40	**	D	Brown clay 10; blue clay 140; sand gravel 141. Water at 140.
27	Con V Con V Con V Con V		13 14 15 15	S. Kember	L. Rawson F. Jackson	Jun.23,1962 Jun.28,1962 Sep.16,1960 Jun. 5,1963 Jun. 6, 1963	4 4 4 4	4 10 12	90 50 80	60 35 43	Fresh	D D	Topsoil 11; blue clay 116; shale 123½. Dry hole. Topsoil 11; blue clay 115; hardoon 116; shale 122. Water at 116. Clay light loam 2; yellow clay 12; blue clay 120. Water at 120. Topsoil 2; hardoon 12; blue clay 118; black shale 133. Dry hole. Topsoil 2; hardoon 12; blue clay 118; black shale 123. Water at 118.
	Con V		15	W. Leckie	D. Wade	Nov. 7,1963	4						Yellow clay 8;grey clay 115;blue clay muck 119;black shale 128. Dry hole.
	Con V	-	15	•	*	Nov. 9,1963	4	5	100	42	Fresh	D	Yellow clay 8; grey clay 60; hlue clay fine gravel 119; sand 120. Water at 119.
	Con VI	**	6	Biltrite Mobile Homes	F.W. Jackson	Jun.13,1961	4	10	100	30	-	In	
	Con VI	-	6	R.H. Lewis	•	Sep.20,1961	4	1	140	19		N	Old well 24; blue clay grit 124; black shale gravel 124; limestone 140. Water at 130.
	Con VI	**	6	• .		Sep.22,1961	4	3	100	19	"	D	Clay loam 2; yellow clay grit 14; soft blue clay writ 124; gravel black rock 125; limestone 136. Water at 125.
	Con VI	**	10	R. Parker		May 21,1963	4	12	50	20	*	D	Clay loam 2; hardran 13; blue clay 152; gravel black sand 156; blue clay 161; limestone 168. Water at 152 and 166.
	Con VI		12	Graphit Re- creation Ltd.	*	Now. 4,1961	6						Clay loam 2; yellow clay 14; houe clay 103; black shale 123; grey shale 138; limestone 146. Dry hole.
	Con VI		12	•	19	Nov.11,1961	6	2	90	32	Fresh	С	Clay loam 2; yellow clay 14; blue clay 103; black rock 115. Water at 103.
	Con VII		8	R. Griffin		Jun.16,1960	4						Clay loam 2; yellow clay 12; blue clay 132; grey limestone 150. Dry hole.
	Con VII		8		•	Jun.22,1960	4						Clay loam 2; yellow clay 12; blue clay 132; limestone 152. Dry hole.
	Con VII	•	8	& Country Club		Jul.15,1963	6						Stone hardesn 14; blue clay 138; limestone 163. Dry hole.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

Lo	CATION	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL		USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
AMBTON COU Sarnia Twp Con VII	00			Greenwood Golf	F.W. Jackson	Jul.18,1963	6	1	150	35	Fresh	P	Hardpan stone 14; blue clay 138; limestone 153. Water at 145.
				& Country Club	n a				1	2.5	*		
Con VII Con VII Con VII		* 8	- 1	:	10	Sep.19,1963 Sep.21,1963 Sep.26,1963	4 6	20	84	30	Fresh		Hardpan 14; blue clay 138; limestone 153. Water at 145. Hardpan 12; blue clay 120; limestone 142. Dry hole. Hardpan 10; blue clay 129; limestone 144. Water from 130 to
Con VII		* 1	1	A. Pearson		Oct. 3,1963	4						135. Topsoil 2; sand hardran 15; blue clay 152; limestone 167. Dry
Con VII		* 1	1		*	Oct. 5,1963	4	1	166	25	Fresh	P	hole. Clay topsoil 2;hardpan 14;blue clay 151;limestone 166. Wate at 151.
Con VII		* 1	3	J. Hurtig	S.J. Atkinson	Nov. 7,1962	4						Sand 5; clay 110; shale gravel 120; clay 125; rock 140; soapston
Con VII		* 1	5	P. Hunter	F.W. Jackson	Sep.27,1960	4	1	115	21	Fresh	D	150. Dry hole. Black muck 1;marl 8;send gravel 12;sand 35;gravel 36;send g 70;blue clay 106;black shale 126. Water at 12, 35 and 106.
Con VII		" 1		G. Gowdie W. McCullough	L. Rawson	Sep. 2,1961 Sep. 6,1961	4	10	42 42	23 25	*	D D	Topsoil 10; blue clay 106; hardpan 108; shale 112. Water at 10 Topsoil 10; blue clay 105; hardpan 106; shale 110. Water at 10
Con VII				W. Petryszyn	F.W. Jackson	Jan. 3,1962		6	100	25		Ď	Black muck 2; clay sand 10; sand 16; blackish clay sand 30; blu
Con VII		* 1	5	H. Pedersen	4	Jul.19,1963	4	12	40	27		D	olay sand 60; blue clay 106; black rock 112. Water at 111. Fill muck 10; sand 20; blue clay 60; sand 90; clay grit 106; black rock 112. Water at 108.
Con VIII		* 1		D. Deboer W.W. Mitchell		Sep.14,1963 Sep.22,1960	4	4 8	100 90	23 14		D D	Marl 3; hardpan 12; blue clay 106; black rock 111. Water at 10 Clay loam 1; yellow clay 12; blue clay 1112; black shale 1152.
Con VIII		* 4		G. Lewis		Oct. 5,1960	4						Water at 110 and 112. Clay loam 2; yellow clay 12; blue clay 104; black shale 110. I
Con VIII		* 4				Oct. 8,1960	4	5	60	22	Fresh	D	hole. Darkish clay loam 2; yellow clay 12; blue clay 100; gravel cla
Con VIII		* 8	-	M. Jackson		Aug.10,1962	4	10	123	117		D	104; black shale 110. Water from 104 to 105. Clay loam 2; hardran 12; blue clay 125; limestone 140. Water a
Con VIII		* 8		D. Jackson	*	May 28,1963	5						135. Clay topsoil 2; hardnen 12; blue clay 123; limestone 140. Dry
Con VIII		<b>=</b> 8		•		Jun. 1,1963	5	1	140	95	Fresh	D	hole. Clay topsoil ?;hardpan 12;blue clay 123;limestone 140. Wate at 135.
Con VIII		* 1		Great LakesAir Service Ltd.	L. Rawson	May 18,1963	4						Topsoil 12; blue clay 142; hardpan 147; shale 150. Dry hole.
Con VIII Con IX		* 1	2	N.F. Collins P.M. Verbeek	F.W. Jackson	Mar.30,1962 Oct.27,1961	4 4						Gas at 147. Topsoil 11;blue clay 123;shale 140. Dry hole. Black clay loam 3;yellow herdpan 12;blue clay 106;black san
Con IX		* 1		n	•	Oct.31,1961	4	2		23	Fresh	N	gravel 107; black shale 119. Dry hole. Black loam 2; yellow clay 12; blue clay 175; black sand 107,
Con IX		* 1		•	*	Nov. 2,1961	4	3	111	23	10	D	black rock 119. Water from 105 to 107, Clay loam 2; yellow clay hardban 12; blue clay 105; gravel
Con IX		* 1		C. Akerboom	L, Rawson	Jul. 4,1962							loose rock 108; black rock 111. Water at 108. Topsoil 11; blue clay 100; black shale 110. Dry hole.
Con IX		* 1		P. Verbeek	F.W. Jackson	Jul. 7,1962 Dec.13,1962		8	100	23	Fresh	D	Topsoil 11; blue clay 99; shale 115. Dry hole. Clay loam 2; yellow brown hardpan 12; blue clay grit 105; blac shale 115. Water at 105.
Con IX		" 1		ConsolerFather	**	Jun.11,1963	5	16	30	15		D	Sand 15; clay 118; gravel 120; black shale 125. Water at 118.
∞n IX		• 1		of Gethsemane Chrapko Const. Co.		Mar.30,1960	4	10	20	5		D	Black loem 2; sand 3; yellow clay 15; blue clay 117; shale gravel 1182; black shale 121. Water at 117.

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Secondary   Seco		OUNTY - cont	t.										
Con V	Con V Con V	lot D		B. Pridemore	D. Wade	Apr.10,1961	3	3 5		8 18	Fresh		Sand 3;grey clay 141;hardman 166;dark shale 175. Dry hole. Sand 6;grey clay 141;hardman 148;gravel 150. Water at 150. Yellow clay 10;grey clay 142;sand 144;gravel 148;hardman 18;
Con V	Con V	" E		F. McMillen	H. McDonald	Jun. 3,1961	4						Topsoil 2; brown clay 10; blue clay 130; gravel 131; brown sand
Con V 20 C. Lane H. McDonald Oct. 5,1961 4 7 18 15 "D,S Topesil 2; brawn clay 12; blue clay foigravel 67; block ahm fon V 22 W. Allafr D. Wade Aug. 7,1961 4 2 23 12 Fresh D. Wade 12; blue clay 70; sand 78; gray shale 12; con VI D. Weeley "Msy 12; 1961 3 Jul. 9,1961 4 2 23 12 Fresh D. Sand 6; blue clay 70; sand 78; gray shale 82; water at 56. Tellow clay 12; blue clay 70; sand 78; gray shale 12; con VI D. Weeley "Msy 12; 1961 3 Jul. 16,1962 3 Jul. 16,1962 3 Jul. 19,1962 3 Jul. 16,1962 3 Jul. 19,1962 4 Jul. 19,1962 3 Jul. 19,1962 4 Jul. 19,1962 3 Jul. 19,1962 4 Jul. 19,1962 5 Jul. 19,1962 4 Jul. 19,1962 5 Jul. 19,19	Con V	* 16	5	E. Churcher	D. Wade	Aug.27,1963	4	5	35	12	Fresh	D	Yellow clay 8; blue clay 56; hardpan 59; black shale 62. Water
On V	Con V	* 20	0	G. Lane	H. McDonald	Oct. 5,1961	4	7	18	15		D,S	Topsoil 2; brown clay 12; blue clay 66; gravel 67; black shale
On V	Con V	<b>"</b> 22	2	W. Allafr	D. Wade	Aug. 7,1961	4						Yellow clay 12; blue clay 74; sand gravel 84; grey shale 121.
On VI D W. Wesley " May 12,1961 3	Con V	* 27	7	W. McKaig	'я	Jul. 9,1961	4	2	23	12	Fresh	D,S	Yellow clay 15; blue clay 70; sand 782; grey shale 822. Water
On VI	Con VI	<b>™</b> D		W. Wesley		May 12,1961	3						Yellow clay 121; grey clay 142; hardpan 158; black shale 176;
On VI	Con VI	" D			N	Jul.16,1962	3						Sand 12; blue clay 145; hardpan 152; black shale 175; grey shall
Con VI	Con VI	<b>"</b> D		-	•	Jul.19,1962	3						Sand 6; blue clay 143; gas muck 143; hardpan 173; grey shale
Con VI	Con VI	* 11	1	G. Reid	V. Conlon & Son	Apr. 8,1963	3	3	24	19	Fresh	D	Topsoil 2; brown clay 7; blue clay 108; fine sand 110; gravel
Date	Con VI	" 15	5	F. Sterling	D. Wade	Aug. 3,1961	4						Yellow clay 12; blue clay 75; hardon 78; black shale 94. Dry
Con VII		* 15	5	H. Sterling	D.A. Douglas								Blue clay 78; shale 129. Dry hole.
Con VII				F. Sterling	D. Wade		4	1/2	60	11	Fresh	D	Yellow clay 12; blue clay 75; hardon 78; black shale 83. Wat
Con VII	Con VII	* C		H. Johnston	V. Conlon & Son	Oct. 8,1963	2						Topsoil 2; yellow clay 10; blue clay 131; fine sand 140; fine sand gravel silt 155; clay 160; fine sand 171.
Con VIII	On VII	* C		**	*	Nov. 8,1963	2	1 2	50	16	Fresh	D,S	Topsoil 2; yellow clay 10; blue clay 145; fine grey sand 150;
Con VIII	Con VII	* 11	1	G. Trella	D. Wade	Oct.31,1960	4	3	38	17	**	D,S	Sand 2; yellow clay 12; grey clay 25; blue clay 134; hardpan 13
Con VIII	Con VII			P. McGrail	V. Conlon & Son	Dec. 3,1962	2						Topsoil 2; blue clay 147; fine grey sand 157; fine dark sand
Con VIII	Con VII	1 * A		**	*	Apr.29,1963	2	3	32	16	Fresh	s	Topsoil 2; blue clay 147; fine grey sand 152; fine gravel 153
Con VIII	Con VII	<b>п</b> в		H. VanBoven	D. Wade	Jul.20,1960	4			22	•	N	Yellow clay 10; grey clay stone 146; hardpan 174; black shale
Con VIII	Con VIII	и в				Oct. 7,1960	4						Yellow clay stones 10; grey clay stones 146; hardban 170. Dry
Con IX	Con VIII	и в		*	*	Oct.14,1960	4	1,	80	31	Salty	D,S	Dark clay gravel 2; yellow clay 8; grey clay 147; hardpan 176
Con IX					V. Conlon & Son								Topsoil 2; blue clay 147; fine grey sand 172. Dry hole. Blue clay 142; hardpan 182; gritty sand 183; hard packed fine
Con IX " 12 J. Hethering— D. Wade Oct. 6,1960 4 16 30 30 " D Yellow clay 12; blue clay 65; grey clay 121; hardpan 127; blue clay 135. Water at 135.  Con IX " 14 E. Toles H. McDonald Sep. 5,1963 4 7 40 32 " D,S Topsoil 2; brown clay 18; blue clay 116; gravel 118; black since the clay 120. Water at 116.	Con IX	* 9		C. Grant	*	May 7,1962	2	4	35	24	Fresh	D,S	Topsoil 2; hard dark clay 6; hard blue clay 20; soft blue clay
Con IX " 14 E. Toles H. McDonald Sep. 5,1963 4 7 40 32 " D,S Topsoil 2; brown clay 18; blue clay 116; gravel 118; black since the control of	Con IX	• 12	2		D. Wade	Oct. 6,1960	4	16	30	30		D	Yellow clay 12; blue clay 65; grey clay 121; hardpan 127; black
	Con IX	<b>*</b> 14	4		H. McDonald	Sep. 5,1963	4	7	40	32	•	D,S	Topsoil 2; brown clay 18; blue clay 116; gravel 118; black shall
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	LOCATI	on '		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	LEVEL.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY Twp	con		R. Winters	H. McDonald	Jul.29,1961	4	8	45	31	Fresh	s	Topsoil 2;brown clay 22;blue clay 101;gravel 103;black shale
Con )	•		С	R. Jardone	D, Wade	Jun. 6,1961	4	1	170	15	Salty	D	105. Water at 101. Yellow clay 20; grey clay 133; sand 151; shale 193; grey limeston
Con X	t	*	C	N. Montgomery		Sep.18,1961	4						grey shale, Water at 160. Yellow clay 15; blue clay 122; blue clay gravel 128; blue clay
Con 2			11	E. Dramnitzke	V. onlon & Son	Jul. 2,1963	2						147; herdpan 158; grey shale 193; black shale 246. Dry hole. Topsoil 3; hard clay 130; herdpan silt fine sand 135; fine grey
Con )			11			Jul. 5,1963	2	4	45	32	Presh	ם	sand 158. Dry hole. Topsoil 3;hard clay 130; fine sand 132; fine gravel sand 133.
Con 3	<b>C</b>		15	M. Craford	H, McDoneld	Oot.19,1962	4	6	38	30	•	s	Water at 132. Topsoil 2; brown clay ?2; blue clay 118; gravel 119; black shale
Con X	ť		15	S. Rutter	D. Wade	Nov.18,1963	4						123. Water at 118. Yellow clay 8;grey clay 111;hardpan muck gas 115;black shale
Con 2		*	16	O. Bray	H. McDoneld	Aug. 3,1961	4	4	45	21	Fresh	D,S	130; grey shale 134. Dry hole. Topsoil 2; brown clay 24; blue clay 112; gravel sand 115; black
Con X	t.		16	Sombra Central	D. Wade	Feb.12,1963	7	1	135	26	*	N	shale 116. Water at 112. Yellow clay 12;dark grey clay 114;sand 117;black shale 133;
Con X	•	*	16	3cn001	•	Feb.19,1963	7						grey shale 135. Water at 120. Yellow clay 10;dark grey clay 113;gas sand 116;black shale
Con X		*	16	*		Mar. 9,1963	7	5	50	56	Fresh	N	128; grey shale 131. Dry hole./ Yellow clay 10; derk grey clay 110; send muck 115; black shale
Con 2			16		H. McDonald	Apr.15,1963	7	6	32	26	*	P	128; grey shale. Water from 111 to 115. Topsoil 2; brown clay 22; blue clay 112; sand 113; gravel 115;
Con X	ţ.	*	19	R.J. Myers		Jun. 6.1965	4	6	30	22		Œ	black shale 119. Water at 112. Topsoil 2; brown clay 25; blue clay 90; gravel 92; black shale
Con X	ι,		20	G. Douglas		Oct.23,1963	4	5	45	22	*	D	95. Water at 90. Topsoil 2; brown clay 22; blue clay 93; gravel 94; black shale 96. Water at 93.
Con X	Š.	*	26	S.S. # 20	R. Marsh	Jun. 5,1961	4	15	15	15		P	Topsoil loam 2; blue clay 62; mud stones 87; sand gravel 88. Water at 87.
Con X		*	26 26	School Section	H. McDonald	Oct. 8,1961 Oct.18,1961	4	7	45	22	Fresh	P	Topsoil 2; brown clay 15; blue clay 87; black shale 90. Dry hole Topsoil 2; brown clay 14; blue clay 85; gravel 86; black shale 89. Water at 85.
Con X	C.	*	27	L. Harris	*	Mar.20,1963	4						Topsoil 2; brown clay 25; blue clay 106; black shale 130. Dry hole.
Con X	i.	*	27	•	*	Apr. 1,1963	4	4	35	15	Fresh	D	Topsoil 2; brown clay 22; blue clay 104; gravel 107; black shale 199. Water at 104.
Con X			30	M. Robinson	D. Wade	Nov.20,1962	4						Yellow clay 10; blue clay 68; hardban 81; grey shale 92; black shale 100. Dry hole.
Con 1		*	30	•		Nov.21,1962	4						Yellow clay 7; blue clay gravel 68; hardpan 70; black shale 74; grey shale 95; black shale. "Ty hole.
Con X	T.		6	E. Henry		Jun.24,1963	4						Yellow clay 12; blue clay 144; hardman 172; black shale 184. Gas
Con X		*	28 9	H. Annett R. Galarneau	V. Conlon & Son	Dec.19,1962 Jul.25,1961	4 2	Ł,	93	27	Fresh	D	at 175. Dry hole. Blue clay 93. Water at 93. Topsoil 2; yellow clay 9; hard blue clay 20; soft blue clay 143; silty sandy gravel 151; silty fine dark sand 170. Dry hole.
Con X	II	*	9	*	*	Jul.29,1961	2			25	Fresh	N	Topsoil 2; yellow clay 8; hard blue clay 21; soft blye clay 55; silty grevel mud 60; soft blue clay 144; silty sandy gravel 151 silty fine dark sand 170. Water from 144 to 151.
Con X	Ш		9		*	Aug. 4,1961	2	21	40	241	•	D,S	Topsoil 2; yellow clay 8; hard blue clay 20; soft blue clay 143; medium fine sand 144; fine sand gravel 1512; fine silty sand 168. Water from 148 to 1512.

	MBTON COUNTY														
	Sombra Twp Con XII Con XII	1	ot	14		. Fournie	D.A. Douglas	Nov.19,1960	2	5	38	28	Salty	ם	Blue cley 132; shale 138. Water at 138.
	Con XIII			14	B	rick & Tile. . Lester . Flynn	D. Wade D.A. Douglas V. Conlon & Son	May 4, 1962 Sep.16,1963 Jul.24,1963	4 2 2	11	142 33	16 33	Fresh	D,In D	Yellow clay 6; blue clay 111:sand 118; black shale 142. Water at 122. Blue clay 133; shale 155. Water at 155. Clay 144; dark fine sand 160; silt sand 165; grey sand 177; shale Dry hole.
	Con XIII Con XIII Con XIII Con XIII			14	J	Drulard Swain Young	D. Wade D.A. Douglas V. Conlon & Son	Oct.7, 1963 Sep.9,1963 Sep.25,1961 Sep.13,1962	4 2 2 2	6 1 1 3	70 30 50 40	27 30 28 18 <del>}</del>	Fresh Salty Fresh	D D	Yellow clay 10; blue clay 134; hardban 150. Water at 150. Blue clay 128; shale 154. Water at 154. Blue clay 128; shale 134. Water at 134. Topsoil 2; brown clay 6; blue clay 119; fine sand fine gravel
	On XIII				В	. Pretty	D. Wade	Jan.22,1962	4	2		34			1212. Water at 121. Yellow clay 16; blue clay 103; sand 106; black shale 112. Water
	Con XIII		Ħ	21	A	. Bradshaw	M. Bullock	Dec. 2,1961	2	3	30	30		D	at 112. Topsoil 2; yellow grey clay 34; fine gritty grey clay 98; hardpan
	Con XIII			25	W	. Dickson	H.A. Brandon	Apr.13,1961	4	5	48	30		D,S	99; coarse gravel 1012. Water at 99. Topsoil 2; red clay 12; stony blue clay 104; black shale 107.
	Con XIII Con XIV			27 5	G	. Davis . McIdoo	W. King V. Conlon & Son	Jun.15,1961 Jul.18,1963	4 2	5	31	30	w	D,S	Water at 104. Brown clay 12; blue clay 94; gravel hardpan 95. Water at 942. Clay 150; fine grey sand silt 162; black sand 180; grey shale
	Con XIV		•	12	R	. Sheffer	D. Wade	Mar.19,1963	4	6	80	25	Presh	מ	185; fine sand 191; shale. Dry hole. Yellow clay 9; blue clay 143; sand gravel 145; hardban 148; black shale 153. Water at 151.
	Con XIV		**	20	c	. Sinclair	W. King	Sep.29,1961	4	10	27	26	•	D,S	Clay loam 1;hord clay 14;blue clay 104;hardpan gravel 105;
23	Con XIV			22	A	. Bullock	M. Bullock	Oct. 1,1963	6	ş	80	50		D	brown shale 115. Water from 110 to 115. Previously drilled 92; soapstone 101; black sand 1012. Water
-	Con XV		*	19	J	. Scott	V. Conlon & Son	Jul.28,1962	2	3	50	35		s	from 101 to 1012.  Bard topsoil 2; blue clay 1162; hardpan 119; fine black sand
	Con XV		*	29	J	. Clubb	D. Wade	Nov. 8,1960	3	6	16	16		D,S	gravel 120. Water at 119, Blue clay 57; hardman 59; black shale 63. Water at 63.
1	arwick Twp.														7.
	ERN Con I ERN Con I			10 10	ם	. Fallon	A.A. Heal	Jul.23,1960 Jul.23,1960	4 4	₹	36	13	Fresh	D	Sandy clay 7; blue clay 29; hardban 32; black shale 36. Dry hole. Topsoil yellow clay 10; blue clay 30; muddy hardban 32; clean hardban 33; black shale 36. Water from 32 to 33.
	ERN Con I		*	10		•	•	Jul.28,1960	4						Topsoil sandy clay 6; blue clay 32; hardnen 33; black shale 38.  Dry hole.
	ERN Con I		w	10		•		Jul.27,1960	4	1	34	123	Fresh	D	Topsoil yellow clay 10; blue clay 30; hardban 32; black shale 34; Water from 31 to 32.
	ERN Con I		•	10	M	. Falloon	•	Apr.14,1961	4	4	32	9	*	D	Topsoil yellow clay 10; blue clay 25; sandy blue clay 42; fine sand gravel 45; coarse sand 47; muddy gravel 49. Water from 45
	ERN Con I		*	10	0	. Blunt	C.R. Thrower	Sep.15,1963	4	5	20	8	•	D	to 47. Sand 6; blue clay 26; gravel 26½; blue clay 32; gravel 34; blue clay 40; black shale 42. Water at 40.
	ERN Con I		•	19	D	. Ross	A.A. Heal	Aug. 2,1963	4	4	32	5	Sulphur	ם	Yellow topsoil 15:blue clay 34:muddy sand 36:blue clay 62:
	ERN Con I		*	21	В	. Leggate	*	Dec.12,1963	4	4	29	24		ם	hardoan 64%; black shale 66. Water at 62. Yellow taps: 11 15; blue clay 45; clay sand 50; blue clay 89;
	ERN Con II		**	10	G	. O'Neil	•	Dec.29,1961	4	4	45	23	Presh	D,S	hardnen 98; black shale 105. Water from 90 to 98. Yellow topsoil clay 15; blue clay 63; hardnen 68; black shale 71.
	ERN Con II		•	11	G	. McCormick	•	Apr. 7,1961	4	₹ 2		12	•	N	Water at 67. Topsoil yellow clay 10; blue clay 37; sandy clay 38; blue clay
	ERN Con II		*	11		•		Apr. 4,1961	4	< ½	10	12		D	55;black shele 60. Water from 37 to 38.  Topsoil yellow clay 10;blue clay 37;sandy clay 42;blue clay 52;hardpan 55;black shale 57. Water from 37 to 42 and from
										14.0	-				52 to 55.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Warw	on COUNTY ck Twp Con II	co		G. McCormick	A.A. Heal	Apr. 5,1961	4	4	20	12	Fresh	ס	Topsoil yellow clay 10; blue clay 38; blue clay sand 42; blue clay 52; hardpan 58; black shale 61. Water at 40 and at 52 and
ERN	Con II		16	T.C. Luckins		Apr. 5,1961	4	5	13	10	*	ם	58. Topsoil gravel sand 9; blue clay 38; hardpan 44; black shale 46.
ERN	Con II	•	19	J. Beird	•	Oct. 3,1963	4	4	61	251	Sulphur	ם	Water from 39 to 45. Topsoil yellow clay 15; hard blue clay 30; hard sandy clay black shale stones 45; hard blue clay 68; hardpan 72; black
ERN	Con II	-	29	A. Roder		May 27,1961	3	6	22	17	Fresh	ם	loose sand 74. Water at 72. Topsoil yellow sand 8; sandy clay 24; sand 30; clay 31. Water from 24 to 30.
ERN	Con III	*	2	E.E. Shepherd	•	Jan.12,1961	4	3	80	42	*	ם	Topsoil yellow clay 15; blue clay 97; gravelly hardpan 107; hardpan 11; black shale 120. Water from 100 to 107 and from 109 to 111.
	Con III Con III	**	10 16	R. Harper H. Vossen	F. Rendle C. Thrower	Aug. 7,1961 Nov.29,1963	4	8	50 20	30 15	*	D,S D,S	Brown cley 15; blue cley 76; hard gravel 80; Water from 76 to 80 Gravel 5; blue clay 30; send 40; hardwan 50; black shale 53. Water at 52.
ERN	Con III	M	17	A. Rombouts	A.A. Heal	Oct.15,1962	4	3	32	16	H	D	Topsoil yellow clay 10; sandy clay 18; blue clay 33; hardpan 56; black shale 60. Water from 54 to 56.
ERN	Con III	Ħ	18	H. George	C. Thrower	Nov.20,1963	4	5	25	15		D,S	
ERN	Con III Con IV Con IV	**		P. VanBree C. Sitter J. Feddema	F. Rendle A.A. Heel	Dec. 6,1963 Jul.12,1960 Aug.30,1962	4	6 8 5	22 50 48	20 45 43	:	D,S D,S	Gravel 30; blue clay 40; send 75; gravel 77. Water at 75. Blue clay 90; gravel 93; rock. Water from 90 to 93. Topsoil sandy clay 16; blue clay 75; sand 84; black shale 86. Water from 81 to 84.
	Con IV	*	15 24	K.Vanhuizen A. Roder	F. Rendle A.A. Heal	Dec.15,1960 Mar. 1,1962		2 5	35 27	20 15	* Sulphur	D,S D,S	Old well 20;gravel 43;dark limestone 44. Water at 43. Topsoil yellow clay 14;blue clay 18;sandy clay 20;blue clay 37;gravel 39. Water at 37.
	Con IV	**	26 30	A. Veeke H. McChesney	R. Smith A.A. Heal	Jun.12,1962 Mar.14,1963		14	20 52	20 40	Fresh	D,S D,S	File clay 96; black gravel 98. Water at 96. Yellow topsell 15; blue clay sand 35; coarse sand 50; grey sand 59. Water from 51 to 59.
ERN	Con V		14	A. Warren		Jen. 8,1960	4					N	Tonsoil yellow clay 15; blue clay 48; sandy clay 50; blue clay 63; hardnan 73; black shale 89. Water from 48 to 50.
ERN	Con V		14	•	*	Jan.15,1960	4					N	Topsoil yellow clay 15; blue clay 32; sandy clay 60; gravel 65; hordon 73; black shale 78. Water from 32 to 60.
EAN	Con V	*	18	J. Hall	*	Nov.11,1960	4	4	19}	171	Fresh	D	Topsoil gravel 8; blue clay 22; gravel 23; sand clay 40; blue clay 57; sand 60; hardpon 65; black shale 70. Water from 63 to 65
	Con V		19 21	A. VanBree M. Evans	C. Thrower A.A. Heal	Dec.27,1963 Oct.17,1963		6 4	22 14	20 6	*	ם	Old well 20;gravel 59;black rock 60. Water at 59. Old well 10;sandy clay 41;harapan 42;sand 58;coarse loose
ERN	Con V		23	R. Dunlop	•	Aug.24,1963	4			20		N	sand shale 60; black shale 63. Water from 41 to 60. Yellow tonsall 12; blue clay sand streaks 42; fine sand clay 65; hardonn 78; black gravel fine sand 90; black shale 90. Water
ERN	Con V	Ħ	23	19	, н	Aug.27,1963	4	6	42	21	Fresh	ם	from 42 to 65 and from 72 to 80. Topsoil yellow clay 12; blue clay stones 30; blue clay sand streaks 42; fine sand clay 65; hardoon 76; gravel clay sand 81;
ERN	Con V	n	5	K. Bos	G.G. Hussey&Sons	Nov. 3,1961	4	5	60	40		D,S	black shale 83. Water from 80 to 82. Brown clay 10; blue clay 40; grey sand 100; black shale 125.
ERS	Con I	×	7	L. Denn	A.A. Hesl	Aug.21,1962							Water at 125. Topsoil yellow clay 14; sandy clay 18; blue clay 522; sandy-hordon 55; rock 572. Dry hole.
ERS	Con I	*	7	*		Aug.23,1962	4	3	34	22	Fresh	۵	Tonsoil yellow clay 14; sand etreaks clay 18; blue clay 52%; sand 55; black shale 57%, Water at 54.
ERS	Con I	*	9	E. Reid	•	Мау 4, 1961	4	6	17	12	•	D	Sans Spiceack Shale Sya, water at 54. Topsoil yellow Clay 8;blue clay 20;sandy clay 35;hardnan 38%;black shale 42. Water from 36% to 38%.

L	MBT	N	COUNTY	<b>-</b> co	nt.										
1	ers Ers Ers Ers	Co	n I	lot	9	A. Williams W. Blunt A. Williams	C.R. Thrower	Sep.20,1963 Dec. 2,1963 Apr.21,1961	4 4 4	5 4	20 24	10 12	Fresh	D D	Sand 8; blue clay 25; gravel 30. Water from 25 to 30. Blue clay 32; black shale 40. Water at 38. Topsoil sandy clay 8; blue clay 32; hardoon 33; black shale 39.
	ERS	Co	n I		11	•	•	Apr.24,1961	4	<₺	36	14	Fresh	D	Dry hole. Topsoil sandy clay 5; yellow clay 10; blue clay 33; hardean
	ERS	Co.	n I		12	Twp.School		Oct. 9,1963	6	7	6 <del>1</del>	4		P	34%; black shale 38%. Water from 34 to 35. Topsoil sandy clay 14; blue clay 20%; hardpan 27; black shale
	ERS	Co	n I	*	13	Area A. Clark	#	Jul.29,1960	4	21	25	71		D	29. Water from 21 to 27. Topsoil sandy clay 12; blue clay 18; gravel 20; muddy gravel 26;
	ERS	Co	n I	•	21	G. Aitken	*	Apr.18,1961	4	5	33	27	*	D	sandy hardpan 29; black shale 30. Water from 26 to 29. Topsoil yellow clay 15; blue clay 45; sandy streaks 60; blue clay 95; hardpan 96; black shale 106. Water from 45 to 60 and
	ERS	Co	n II		7	E. Okrucky	C.R. Thrower	Jan. 8,1963	4	3	32	10		ם	sulphur from 95 to 96. Topsoil clay 5; blue clay 25; gravel 30; black shale 44. Water
	ERS	Co	n II	•	14	Southbank	A.A. Heal	Aug.18,1961	4	6	41	35	**	D,S	at 38. Topsoil yellow clay 15;blue clay 72;hardnan 76;black grey
	ERS	Co	n II	•	19	Parms Ltd. O. Wallace	S. Earl	Apr. 7,1961	4	7	20	10	Sulphur	ם	shale 94. Water from 73 to 76. Clay 36;h-rdoen 84;blue shale 86;black shale 107;grey shale
	ERS	co	n II	•	19	E. Collaghan	A.A. Heal	Jan.29,1962	4	5	24	33	Fresh	ם	108. Water at 86. Topsoil gravel 5; yellow clay 14; blue clay 75; gritty clay 86;
	ERS	Co	n II		19	M. Johnston	•	Apr.12,1963	4	5	31	17	Sulphur	D	hardpan 90; grey shale 91. Water from 90 to 91. Topsoil yellow clay 14; blue clay 84; grey black shale 87; black
_	ERS	Co	n III	*	2	R. Williamson	•	Nov.22,1960	4			16	Fresh	N	shale 98. Water from 84 to 87. Old well 14; blue clay 64; muddy sand gravel 70; hardpan 74.
233	ERS	Co	n III	**	2	•	**	Nov.29,1960	4	21/2	73	16	•	ם	Water from 64 to 74. Topsoil yellor clay 16; blue clay 63; muddy gravel 69; sand 73;
			n III n III		4 7	R. Willer O. McGee	C.R. Thrower	Oct.12,1960 Mar.13,1963	4} 4	6	24	18	н	D,S	black shele 28. Water from 69 to 73. Blue clay 54; black gravel 58. Water at 54. Topsoil 4; blue clay 25; gravel 25; blue clay 32; black shele 44; Dry hole.
	ERS	Co	n III	н	7		•	Mar,15,1963	4	10	20	12	Fresh	מ	Torsoil clay 6; blue clay 25; gravel 26; blue clay 32; black shale 38. Water at 38.
	ERS	Co	n III	*	10	H. Vermeiren	A.A. Heal	Oct.17,1963	4	2	39	12		D	Yellow tonsoil 14; blue clay 31; sand 33; black shale 39. Water from 31 to 33.
	ERS	Co	n III		12	A. Straatman	•	Oct.19,1963	4	< <del>₹</del>	45	7	*	N	Yellow topsoil 14; blue clay 39; hardban 40; sand 41; black shale 46. Weter from 40 to 41.
	ERS	Co	n III	*	12	•	•	Oct.22,1963	4	1	45	6	•	D	Yellow topsoil 14; blue clay 36; muddy hardban 40; sand 41; black shale 45. Water from 40 to 41.
	ERS ERS		n IV r. y		30 12	H. Ball R. Morris	:	Mer.12,1963 Mer.15,1962	4 5	1 <sup>1</sup> 5	27 16	14 6	:	D,s	Yellow topsoil 14; sandy clay 27; sand 32. Water from 29 to 32. Topsoil clay 2; blue clay 38; sand gravel 43; black shale 45.
	ERS	co	n V	*	27	C. Vanloon		Aug. 3,1961	4	<₹	135	70		D	Water from 40 to 43. Yellow topsoil 14; blue clay 107; hardpan 115; soft rock
	ERS	co	n V	•	27			Aug. 5,1961	4	5	33	27		D,S	limestone 135. Water at 122. Yellow topsoil 10; sand streaks 18; blue clay 114; hardoan 118.
	ERS	Co	n VI	•	26	R.V. Davidson	•	Feb.27,1963	4	4	72	32		D,S	Water at 114. Yellow topsoil 3;gravel 14;blue clay 80;hardpan 84;muddy hardpan 87. Water from 80 to 83.
,	iatf	ord	Villag	e		A.A. Heal	A.A. Heal	Jan.30,1962	5	6	85	78 <del>1</del>	Sulphur	P	Topsoil yellow clay 14; blue clay 86; hardban 902; black shale 1002. Water at 86.
			OUNT)			C.Ritter	Allard Bros.	May 23,1961	2	4	15	10	Fresh	ם	Brown clay 12; red shale 105. Water at 105.

newille Town C.Ritter Allard Bros. May 23,1961 2 4 15 10 Fresh D Brown clay 12; red shale 105. water at 105.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST		STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY Caistor Twp. Con I Con I Con IV	lot	23	G. Winkels J. Musselman Abington Packers	S.W. Merritt W. Packham	Dec.26,1963 Apr.30,1962 Dec.10,1962	6 6 6	16 5 24	25 35 55	20 15 24	Fresh Sulphur Fresh	S D In	Grey clay 52;gravel 54%. Water at 54. Clay 32;limestone 53. Water at 45 and 52. Clay 85;sand 90;gravel 97. Water at 95.
Con IV Con IV Con IV Con V Con V	**	18 20 20 3 10	W. Bristo W. Comishen J. Bathinga T. Andrews S. Muir	S.W. Merritt W. Packham F. Merritt S.W. Merritt E. Constable	Oct.11,1963 Oct.10,1961 Dec.10,1963 Oct. 1962 Sep.14,1960	5 6 6	15 20 10 10 5	27 45 40 55 56	27 30 30 50	# # #	D S D S D	Grey clay boulders 90;grey shale 92. Water from 90 to 92. Grey clay 85;coarse gravel 90. Water at 90. Blue clay 85;grey limestone 89. Water at 89. Clay 50;shale 52;limestone 69. Water at 67. Brown clay 4;blue clay 50;brown clay stones 68;hardpan 70; coarse gravel 72. Water at 72.
Con V Con V	**	11 11	School Area	W. Packham	Jun.21,1963 Jun.21,1963	7 7	25 35	65 65	58 41		P P	Clay 90; limestone 95. Water at 92. Clay 30; slity clay 55; clay gravel hardpan 78; limestone 95. Water at 80, 85 and 92.
Con V	**	12	C. Dervu	E. Constable	Jun. 4,1960	6			88	Sulphur	D	Topsoil 3; blue clay 50; gravel stones 80; boulders limestone 135. Water at 90.
Con V	**	12		**	Jul.14,1960	6	15	32	20	Fresh	D	Brown clay 30; blue clay 80; hardpan 82; coarse gravel 84. Water at 82.
Con V			F. Leigh	G.J. Wallis	Mar. 2,1960	6	24	55	26		D	Light brown clay 32; grey clay 86; grey clay gravel 95; packed grey limestone 964. Water at 952.
Con V	**	18	Baptist Parsonage	F. Merritt	Jun.14,1960	6	10	32	30	"	D	Clay 89; limestone 94. Water at 94.
Con V		18	B.L. Vonderkolk		Aug.22,1961	6	20	40	23		D,S	Brown clay 65; sandy clay 70; coarse gravel 75. Water from 72 to 75.
Con VI Con VI Con VI	*	4 6 8	R. Wardell P. Compagnalo T. Golliver	S.W. Merritt W. Packham E. Constable	Nov.16,1963 Nov.27,1961 Aug. 2,1962	6	16 20 3	55 60 45	48 43 40	ä	D,S In D	Clay 81; limestone 102. Water from 85 to 102. Grey clay 80; limestone 86. Water at 83. Topsoil 5; blue clay boulders 75; coarse gravel 76; limestone 82 Water at 78.
Con VI	**	8			Aug.10,1962	6	3	45	40		ם	Topsoil 4; blue clay boulders 76; coarse gravel 80; limestone 82. Water at 80.
Con VI Con VI Con VI Con VI Con VI Con VI Con VII Con VII Con VII	***************************************	15	O. Lampman H. Waage F. Zomerfogel M. Fralick W. Paulik H. Marshall J. Dezamba D. Packham	S.W. Merritt F. Merritt S.W. Merritt W. Packham S.W. Merritt W. Packham	May 12,1962 Jul.14,1962 Jul.18,1963 Sep.10,1962 Nov. 7,1961 May 1,1963 Jul. 7,1960 Aug.16,1961 Nov.22,1962	6 56 566 566	16 10 10 12 16 25 16 15 24	24 45 25 16 37 35 16 25	24 40 20 15 35 29 15 15		D D,S S D,S D,S S S	Clay stones 59; limestone 62. Water at 60. Blue clay 65; boulders 98. Water at 78. Blue clay 42; limestone 43. Water at 78. Blue clay 42; limestone 43. Water at 42. Grey clay boulders 2°; grey shale 30. Water at 30. Clay 50; boulders clay 67; gravel 70. Water at 70. Clay 35; silty clay 50; h rd clay 66; limestone 76. Water at 73. Clay 40; limestone 48. Brown clay 21; limestone 36. Water at 33. Clay 18; limestone 30. Water at 28.
Clinton Twp. BF BF	lot	10	L. Thompson Beamsville Nurseries	F. Merritt W.L. Field & Son	Oct.27,1961 Jun.20,1962	6 61	ξį	32 40	11 6	Fresh	D In	Brown clay 29; red shale 34. Water at 30. Brown sand 6; blue clay 29; grey sand gravel 44; red shale 55. Water from 36 to 44.
Con I Con I	**	7 21	C. Kowalik H.Bodman	S.W. Merritt W.L.Field & Son	Jun. 7,1963 Nov. 6,1961	6 6‡	2	41 30	16 13	"	D D	Grey clay gravel 20; red shale 41. Water from 38 to 41. Brown sand 13; clay gravel 20; fine sand 40; red shale 45. Water at 17 and 40.
Con I	*	22	0. Smith	н	Dec.19,1960	61	5	40	9		D	Brown sand 10;dark sand 30;sand gravel 40;red shale 50. Water at 42.
Con I Con II Con II Con II	**	22 12 13 22	Van Brinovcar I. Carson W. Mlodecki J.H. McNeil	S.W. Merritt F. Merritt S.W. Merritt	Oct.16,1963 Dec, 3,1960 May 24,1961 Oct.21,1961	6 8 8 6	√ <del>1</del> 5 f	38 40 109	18 8 68	Fresh Saltv Fresh	D D,S D	Clay boulders 14; red shale 42. Dry hole. Clay 16; red shale 38. Water at 28. Clay 15; red shale 42. Water from 35 to 38. Clay stones 42; red shale 109. Water at 107.

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L	INCOLN COUNTY	<b>- c</b> o	nt.										
	Clinton Twp Con III Con III		22 5	R. McNeil G. Wall & Sons	S.W. Merritt P. Merritt	Dec.27,1963 Jun.17,1961	6 8	7	110 42	54 12	Fresh	D D	Clay stones 41; red shale 110. Water from 60 to 70. Brown sand 8; blue clay 22; red gravel 38; red shale 46. Water at 43.
	Con III	•	9	QualityPoultry C=0Z.Kocsis	W.A.Lounsbury& Sons	Sep.29,1961	7	4	50	8	Salty	N	Hard brown clay 8; blue clay 22; red hardban 25; red limestone 50. Water at 50.
	Con III Con III Con III Con III		12 13 13 21	W. Mlodecki L. Pikor E.&J.Romagneli H. Cotton	F. Merritt W.L. Field &Son	Jul.16,1963 Dec.6, 1960 May 25,1961 Jul.18,1961	8 8 6	1 3 5	30 40 14 60	8 16 Flòws 22	Presh Salty Presh	D D In D,S	Red clay 17; red shale 32. Water at 26. Red clay 15; red shale 40. Water at 30. Clay 3; red shale 8; blue shale 8½; red shale 15. Water at 8. Brown clay 6; blue clay stones 30; clay gravel 40; red shale 22. Water at 50.
	Con III Con III		21 22	E. Barker H.H. Clayson	S.W. Merritt W.L.Field & Son	Aug. 4,1961 Nov.18,1961	6 8	1 60	81 20	52 2	*	D Ir,S	Clay gravel 70; red shale 81. Water at 76 and 81. Dark clay loam 3; stones boulders 16; limestone 56. Water at
	Con IV Con IV Con IV	:	9 9 10	J. Springer	W.A.Lounsbury & Sons	Oct.17,1963 Oct.24,1963 Aug.17,1962	10 10 7	2 2 1	65 38 60	25 16 24	Salty Fresh	D,S D,S N	24 and 45. Brown sand 10; red clay 16; red shale 70. Water at 38 and 68. Red clay 11; red shale 40. Water at 38. Red clay 22; red limestone 60. Water at 50 and 60 salt.
	Con IV Con IV Con IV		11 12 12	W. Koretesh D. Szasz E. Walsh	P. Merritt S.W. Merritt W.L.Field & Son	Apr.20,1961 Jul. 2,1960 Aug.11,1960	8 6 <del>1</del> 6 <del>1</del>	1	42 30 70	18 17 36		D,S S S	Brown clay 22; red shale 46, Water at 44. Clay 15; red shale 50. Water at 35. Brown clay 25; blue clay gravel 55; red clay gravel 65; red shale 85. Water at 62.
	Con IV		13	C. Kratz		Jun.30,1960	6 <del>1</del>	1	70	38		D	Brown clay 25; blue clay gravel 55; red clay gravel 65; red shale 80. Water at 62 and 65.
235	Con IV Con IV Con IV	:	14 19 21 22	B. Huisman S. Jakymiw V. Csets B. Aston	S.W. Merritt  " W.L.Field& Son	Mar,15,1960 Oct. 8,1960 Sep.30,1960 Jul.28,1961	6 6 6	17 (1) 5 5	108 35 50	50 55 15 27	Salty Fresh	N D D D,S	Clay 44; red shale 125. Water at 52 and 125. Clay sand 94; red shale 108. Water at 108. Clay 12; limestone 79. Water from 40 to 79. Brown clay 6; blue clay 48; sand gravel 53; limestone 57. Water at 54.
	Con V  Con VI		2 14 19 21 21 6	F. Schroeder W. James J. Hamm A. Pecken ValCsets W. Masternack F. Drake Campden Feed Mill	G.J. Wallis W.L.Field & Son S.W. Merritt F. Merritt S.W. Merritt  F. Merritt	Apr.23,1962 Oct.10,1960 Oct. 4,1962 Aug.22,1962 Oct. 5,1963 Nov. 2,1963 Jun. 8,1962 Dec.25,1963	66666666	6 7 8 10 10 10	45 70 47 35 70 70 70 84	22 24 23 8 16 60 35	Sulphur Fresh	D D D D D D D	Light brown clay 9; grey clay 40; blue rock 55. Water at 52. Blue clay 60; clay stones 70; coarse stone 80. Water at 74. Brown clay 4; grey shale 39; red shale 50. Water at 35 and 47. Clay 3; grey limestone 38. Water from 25 to 38. Clay stones 17; limestone 44. Water at 30. Clay boulders 72; limestone 104. Water at 80 and 103. Blue clay 36; grey limestone 47. Water at 46. Blue clay 30; grey limestone 49. Water at 49.
	Con VI		13	J.B. Parker	W.L.Field & Son	Apr.20,1960	8	6	80	38		D	Brown clay 40; stones gravel 45; limestone 95. Water at 45 and 90.
	Con VI		14	A.W.Topp &Sons		Jul. 8,1960	6 <del>≩</del>	6	50	20	*	s	Brown clay 8; blue clay 40; clear sand 50; limestone 60. Water at 55.
	Con VII Con VII Con VII Con VIII Con VIII Con VIII Con VIII Con VIII Con VIII		20 1 6	K. Martin A. Kolassa T. Vail B. Fudge P. Rezner J. Van Gelder Bethesda Home E. Hrumrei P. Holos South Clinton School Area	P. Merritt  S.W. Merritt  F. Merritt  W.A.Lounsbury & Sons  S.W. Merritt  F. Merritt	Nov.10,1961 Jan.18,1961 Dec.11,1961 Mar.29,1963 Jun.19,1961 Nov.30,1962 Sep.21,1961 Jul.16,1962 Oct. 4,1960 Nov.25,1960	6666667 666	10 3 10 14 10 4	96555 74550 2458 2458	80 60 35 40 50 28 22 17 40 22	Sulphur Fresh	D,S D,S D D,S D D,S P	Clay 60; limestone 120. Water at 120. Brown clay 30; blue clay 42; grey limestone 101. Water at 100. Clay 35; limestone 83. Water at 45. Brown clay 37; grey limestone 67. Water at 65. Clay gravel 35; limestone 85. Water from 70 to 78. Blue clay 29; grey limestone 45. Water at 45. Soft brown clay 24; limestone 37; limestone 50. Water at 37. Clay 28; limestone 52. Water at 52. Clay 67; limestone 82. Water at 55. Clay 18; limestone 57. Water at 55.
	Con VII	•	20	S. Ripenburg	S.W. Merritt	Aug.30,1960	6	16	27	25	•	D	Clay 18; limestone 54. Water at 54.
		UP 5 EV	-				The second second						

LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NCOLN COUNTY Ainton Twp Con VII Con VII Con VIII	lot	20	P. Boldt D. Shepherd F. VanMarrum	S.W. Merritt F. Merritt W.L. Field & Son	Jun. 5,1961 Jul.30,1963 Jan.22,1960	6 6 6	14 8 10	25 30 60	24 23 27	Presh	D,S D	Clay 17; limestone 66; Water from 45 to 65. Brown clay 22; grey limestone 47. Water at 45. Brown clay 3; blue clay 17; rock 18; limestone 80. Water at 30
Con VIII Con VIII			I. Piasecki Fleming Farms	S.W. Merritt W.L. Field & Son	Apr. 8,1961 Apr.10,1962	6 6 <del>1</del>	15 20	20 70	18 20	:	D D,S	and 72. Clay 8; limestone 54. Water from 35 to 54. Blue clay 6; dark rock 60; white rock 90. Water at 30 and 84
Con VIII	* 1	19	Ltd. Double J. Ranch	P. Merritt	Oct.22,1963	5	10	20	15		s	Brown clay 10; blue shale 15; grey limestone 35. Water from 25 to 35.
Con VIII			Ltd.	W.L. Field & Son	Dec. 7,1963	61/2	10	55	18		D,S	Clay stones 3; blue stone 50; grey limestone 60. Water at 52
Con VIII Con IX	* ;		J. Harsenyi J.R.Martindale	S.W. Merritt W.A.Lounsbury & Sons	Apr.27,1962 Oct.29,1963	6 6½	14 5	18 23	12 12	:	D,S	Clay 12; limestone 31. Water at 30. Hard brown clay 6; soft brown clay 25; limestone 40. Water at 40.
Con IX Con IX	* 9		F. Parr T. Martin	F. Merritt W.L.Field & Son	Aug. 2,1962 Jul. 9,1962	6 6 <del>1</del>	6	40 50	35 24	:	D,S D,S	Blue clay 18; grey limestone 50. Water at 50. Stones gravel 10; blue clay 20; stones boulders 24; limestone 55. Water at 52.
Con IX Con IX Con IX Con X Con X Con X	*	18 23 1	A. Hunt J. Ranince H. Schnick C.C. Martin W. Zwiep G. Rannacacos	P. Merritt W.L.Field & Son P. Merritt	Nov.26,1960 Jun.27,1963 Feb. 8,1961 Apr.10,1961 Aug.12,1963 Apr.10,1962	66 66 66	10 10 10 20 10	25 18 30 60 30 25	16 15 25 33 25 20		D,S D,S D,S D,S	Blue clay 18; coarse stone 20; limestone 35. Water at 32. Brown clay 6; blue clay 34; limestone 40. Water at 38. Brown clay 30; blue clay 40; grey limestone 57. Water at 57. Blue clay 35; stones gravel 40; limestone 75. Water at 68. Brown clay 40; grey shale 42. Water at 40. Blue clay 20; grey limestone 64. Water at 62.
ainsborough T Con I Con I	lot :		H. Collver Bell Telephone Co.of Canada	F. Merritt	Dec.20,1960 Apr.26,1961	5 6	10 20	5 10	Flows	Sulphu	D,S	Clay 83; limestone 84. Water at 84. Clay 92; grey limestone 92. Water at 92.
Con I		26	J. Olesiuk		Jan.24,1962	6	10	35	30	Presh	D,S	Brown clay 25; red sand 145; red hardpan 150; grey rock 151. Water at 151.
Con II		26	E. Reichert	W.A.Lounsbury & Sons	Jul.19,1960	7	5	120		Sulphu	D	Hard clay 22; soft clay 150; stony hardpan 160; limestone. Was at 160.
Con III Con III Con III		9	A. Reece C. Beamer J. Veander- meulen	F. Merritt	May 29,1962 Sep.22,1962 Dec.17,1960	6	10 10 10	18 40 <b>5</b> 5	16 30 25	Fresh	D,S D,S	Blue clay 70; gravel boulders 108. Water at 108. Blue clay 112; grey limestone 116. Water at 115. Clay 120; limestone 122. Water at 122.
Con III Con IV Con IV Con IV Con IV Con IV Con V	* 6	27	N. Crowe F. Stagg W. Krasko G. Beliak F. Lubera A. Comfort G. Jeeves	S.W. Merritt P. Merritt S.W. Merritt F. Merritt	Oct. 8,1960 Mar.25,1963 Aug. 6,1963 Nov.28,1963 Mar.30,1963 May 12,1960 Feb.20,1961	6666666	10 16 15 10 16 10 12	25 28 30 30 36 25 25	23 25 30 25 30 25 30		D,S S D,S S S D	Clay 30; red sandy clay 123. Water at 123. Grey clay quicksand 127; limestone 133. Water at 132. Grey clay 80; grey clay gravel 88; grey shale 90. Water at 98 Blue clay 82; grey limestone 83. Water at 83. Grey clay 95; packed sand 104; grey shale 106; Water at 106. Clay 30; soft red sand 103; limestone 108. Water at 108. Brown clay 20; red sand clay 71; grey limestone 71½. Water at 71½.
Con V Con V	• 1		H. Lempman	W.Field & Son	May 20,1961 Jul. 4,1963	6 6	10 10	35 15	30 10	:	D,S	Clay 52; limestone . Water at 52. Brown clay 3; blue clay 30; blue clay gravel 38; coarse grave 45. Water at 38.
Con V	* 1	18	S. Dinga	S.W. Merritt	Aug. 3,1962	6	12	40	32	*	S	Brown clay 30; coarse gravelly boulders 43; limestone 52. Wa at 52.
Con V		26	B. Piotrowski	F. Merritt	Dec. 2,1960	6	12	25	5.5		D,S	Clay 38; hardpan 39. Water at 39.

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- 1	LINCOLN COUNTY Gainsborogh Tw				*								
	Con VI			L. Moore	W.L.Field & Son	Sep. 3,1963	63	8	60	24	Fresh	D	Blue clay 40; limestone 65. Water at 60.
	Con VI		3	J.Wolstenholme D. Leonard	F. Merritt	Aug. 4,1961	6	10 10	20	15 23		D	Brown clay 26; grey limestone 34. Water at 34.
	Con VI Con VI		14		S.W. Merritt	Nov. 1,1961 Aug.23,1962	6	15	30 45 40	42			Blue clay 38; grey rock 48; Water at 48. Clay 52; rock 65; Water at 60 and 65.
	Con VI	•	22		W.L. Field & Son	Dec. 9,1961	61	10	40	21		S	Dark clay 10; blue clay 30; stones gravel 23; limestone 50.
	Con VI		23	G. Cavers	F. Merritt	Dec. 7,1961	6	10	20	16		D	Water at 34 and 48. Brown clay 23; grey rock 38: Water at 38.
	Con VI		26	J. Weise	***************************************	Jun.30,1961	5	10	25 30	20	Sulphur	S	Blue clay 30; grey limestone 36. Water at 36.
	Con VI		30	P. Muir		Nov.16,1963	6	10	30	27	Fresh	D	Blue clay 30; grey limertone 39. Water at 38.
	Louth Twp.			D 4 V-7	W A T	7 10 10/2		4	100	44	- Dan b	-	F1-st t12 C-t1 -2 101- F212121
	BP	10	t 8	D.A.McFarlane	W.A.Lounsbury & Sons	Jun.19,1963	7	4	105	44	Fresh	D	Black topsoil 7; hard clay 18; soft clay 72; sandy clay 83; red hardban 94; red Medina rock 106. Water at 106.
	BF		8	U. Herju	W.L.Pield & Son	Jul.23,1963	6	5	85	32		D,S	Fine sand 20; blue clay 50; sandy gravel 70; coarse gravel 85;
	BF		9	Niagara Parks	W.A. Lounsbury &	Jun.15,1961	7	20	76	31		P	red shale 107. Water at 70. Herd clay 14;soft clay 71;hardpan 78;coarse gravel 80;red
	Dr			Commission	Sons		1	(45),5	70	-			shale 82. Water at 80.
	BF		13			Jul. 8,1960	7	2 8	115	42 8		D	Sand 17; soft clay 94; hardpan 109; red shale 115. Water at 109.
	Con I		5	E. Pearce		Sep. 7,1962	7	°	80	8		ע	Hard brown clay 10; blue clay 55; sandy red clay 83; small coarse gravel 85. Water at 85.
	Con I		9	Dr.E.J. Blair		Apr.11,1962	7	16	97	45		D	Sandy loam 15; blue clay 87; sandy clay 95; fine sand 97; fed
	Con I		11	Dr.W.		Apr.26,1962	7	1	110	48		D	Medina rock 100. Water at 97. Sandy loam 15; blue clay 95; sandy blue clay 101; hardoen 102;
2				Weynerowski				-					red Medina rock 113. Water at 113.
7	Con I	*	13	J.E. Jansen	S.W. Merritt	Nov. 8,1962	6	14	72	50		D,S	Clay 30; boulders clay gravel 55; clay sand 100; sand gravel 103.
	Con II		2	C. Dirksen		Peb.11,1960	6	4	50	35	Salty	N	Clay 40; send clay 60; gravel sand 96; red shale 120. Water at
	Con II		2			Feb.13,1960	6	2	50	35		N	118. Clay 40; sand clay 60; clay sand streaks 96; shale 112. Water at
	CON II					Feb.15,1900	0	-	30	))	,	N	112. water at
	∞n II		3	W. Birrell	W.A.Lounsbury &	Nov. 7,1961	7	5	108	28	Fresh	D	Hard cley 21; soft clay 84; sandy clay 97; red hardoen 104; red
	Con II		3	J. Baranick	Sons	Aug. 8,1963	7			16		D	shale 108. Water at 104. Too sandy soil 7:clay 24:sandy clay 38:blue clay 84:sand clay
			_		4					-	_		92; red hardban 99; red shale 110. Water at 99.
	Con II Con II		- 4	K. Peel R. Breitkreuz	S.W. Merritt	Dec. 1,1961 Dec. 1,1963	8	10 6	55 30	Flows		D,S	Soft clay 42; sandy clay 53; coarse gravel 55. Water at 55.
	Con II	•		J. Ogrizek	W.A.Lounsbury &	Aug. 8,1961	7	13	70	15 16			Red sand 6; hard cley 21; soft clay 81; coarse gravel 85. Water
	Con II		6	J. Antonich	Sons	Dec.18,1962	7	7	60	8		D	at 85.   Sandy loam 4; blue clay 952; small coarse gravel 96. Water at
			-						77.80			-	952.
	Con II		6	J. Bayuk	•	Aug.21,1963	7	7	80	11	•	D	Red sand 9; sand clay 38; blue clay 81; sandy clay 90; coarse gravel 95. Water at 95.
	Con II		8	W.F. Ebert	S.W. Merritt	Sep. 8.1960	6	8	55	37		D	Clay 77; fine sand 79. Water at 79.
	Con II		8	C.R. Tourney	P. Merritt	Aug.12,1961	6	4.	55 85	27		D	Brown clay 20; blue clay 60; red gravel 80; red shale 91. Water
	Con II		12	Hildebrand	W.A.Lounsbury &	Oct.31,1960	7	8	100	34		D	at 81. Sandy clay 8; hard clay 18; soft clay 86; hardpan 98; red shale
				100	Sons		1						103. Water at 100.
	Con II	*	13	J.W. Boyd	•	May 10,1963	7	20	70	58		D,S	Sandy topsoil 7; red sand 18; soft clay 51; hard clay 97; hardban 103; coarse gravel 105. Water at 105.
	Con II		21		W.L.Field & Son	Mar. 4,1962	61	5 2	55 100	10			Brown sand 8:blue clay 50:red shale 63. Water at 58.
	Con III	*	3	S. Shergold	W.A.Lounsbury &	Oct. 3,1961	7	2	100	34	Sulphur	Ď	Red top sand 6; soft clay 87; fine sand 95; red hardpan 106; red
	Con III		4	P.H. Short	Sons S.W. Merritt	Sep.28,1960	6	<}	122	15	Fresh	D	shale 108. Water at 102.   Sand gravel 10;grey clay 80;red clay gravel 90;quicksand 110;
				100000	THE PERSON NAMED IN COLUMN	Commence of the second			1000			1,61	red clay 112; red shale 122. Water at 116.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION	N 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
INCOLN COUNTY Louth Twp Con III	ont.	J.B.Fedorowich	W.L.Field & Son	Jul.19,1960	63	1	80	11	Fresh	D	Top sandy clay 3; yellow sand 9; fine blue sand 30; soft blue
										_	clay 70; quicksand 80; hard blue clay gravel 98; gravel sand 100. Water at 98.
Con V	* 2	W. Vaughn	W.A. Lounsbury & Sons	Nov. 2,1962	7	17	160	56		D,S	Hard brown clay 15; blue clay 168; red Medina rock. Water at 168.
Con V	• 7	R. Tajer	•	Jul.18,1962	7	1	125	54		D	Old well 16; blue clay 114; fine sand 120; red Medina rock 125.
Con V	* 14	F. Muller		May 3, 1963	7	13	160	110		D	Old well 5; hard clay 18; soft blue clay 117; hard clay 188; sandy clay 205; sand gravel 211; red shale 212. Water at 212.
Con V	* 22	NiagaraPenin- sula Cons. Auth	•	Nov.22,1963	63	<₹	85	63	•	D	Topsoil sandy clay 7; hard clay 3?; hardoan clay 47; limestone 74; red sandstone 83; red shale 90. Water at 90.
Con VI	• 2	H. Lillies	P. Spatuck	May 17,1961	4	6	188	55	**	מ	Brown clay 18; soft grey clay 164; medium hard clay 172; silty formation 192; brown hardpan 198; hard red shale 202; sand shale 203; hard red shale 204. Water from 202 to 203.
Con VI	* 22	NisgaraPenin- sula Cons. Auth	W.A. Lounsbury & Sons	Dec. 2,1963	63	<₹	75	42	-	P	Hard clay 14; hardpan 20; limestone 75. Water at 75.
Con VIII	• 5	A. Lambert	. Johns	Sep.18,1962	7	10	80	54		D	Brown hard clay 20; blue clay 160; sandy blue clay 210; fine rec
Con VIII Con VIII	* 8 * 13	A. Smith M.S. Jones	P. Merritt W.L. Field & Son	Jul.22,1963 Nov.16,1962	6 6}	8	80 48	35 21	* Sulphur	D,S In	sand 227; red Medima rock. Water et 227. Blue clay 17; grey limestone 80. Water at 68. Blue clay 38; grey limestone 48; Water at 42.
Niagara Twp.	lot 3	C. C. Toovey	W.A. Lounsbury &	Dec. 1,1961	7	3	60	22	Fresh	D.S	Concrete pit 6;soft clay 22;hard clay 34;harapan 41;hard
	• 4	A. Murray	Sons	Jul. 3,1961	7	5	60	181	*	D,S	shale 47; red Medina rock 66. Water at 66. Red sand 6; hard clay 22; soft clay 29; hard stony clay 41; red hardpan 43; red shale 67. Water at 65.
	* 8	D. Paxton		Apr.21,1961	7	8	50	18		D,S	Red sand 8:soft clay 34:hardpan 45:red shale 63. Water at 60
	" 11 " 31	S. Helinski J. Marynissen	W.L.Field & Son W.A. Lounsbury & Sons	Jul.26,1962 Mar.30,1961	6 <u>₽</u> 7	5 1	50 60 75	20 13		D,S D,S	Brown sand 10;grey sand gravel 60;red shale 85. Water at 80. Sandy topsoil 6;herd clay 17;soft blue clay 44;stony hardpan 51;red hardpan 57;red Medine rock 83. Water at 82.
	* 39 * 43	H. Suttor K. Ruller	P. Merritt W.A. Lounsbury & Sons	Sep.18,1963 Jun. 8,1960		2 <}	40 97	10 14	:	D D	Brown gravelly clay 20; red shele 42. Water at 40. Hard clay 9; red sandstone 27; red Medina rock 97. Water at 81
	50	A. Banik F. Telega	L. Hallborg	Jan.22,1960 Feb. 4,1960	6	10 10	20	12		D D	Clay 9; red shale 30. Water at 30.
	* 59 * 59	S.Piatowski	W.A. Lounsbury &	May 31,1962		1	25 60	15 16	Sulphur		Clay 40; red shale 100. Water at 100. Hard clay 14; soft clay 36; red hardpan 39; red shale 60. Water
	* 67	K. Klucha	Sons	Nov.26,1960	7	1	85	8	Fresh	D	at 60. Hard sandy loam 6; blue clay 40; red sand small stones 75; red
	* 67	P. Nezezon	*	Oct. 1,1962	7	8	35	11		D,S	sand gr vel 80; red Medine rock 89; Water at 89. Sandy clay 4; stony blue clay 30; fine red sand 43; small coars
	• 72	E. Probst		May 18,1962		17	45 85	8		D,S	gravel 44. Water at 44. Blue clay 35; small stones 40; sand coarse gravel 45. Water at
	72 73	H. Suttor I. Bezhechny	F. Merritt W.A.Lounsbury &	Sep.24,1963 May 16,1962	6	17	85 60	15 7	Salty Fresh	D,s	Brown clay 60; red shele 87. Water at 63. Sandy loam 3; hard brown clay 16; blue clay 33; sand gravel
	* 73 * 75	H. Siemens H.G. Neufeld	Sons F. Merritt W.A.Lounsbury &	Jun. 8,1962 Oct.11,1963	6 7	3 25	75 40	20 16		D D	stones 40; Marley red sand 62; coarse gravel 65. Water at 65. Red hard pack sand 76; red shale 80. Water at 80. Hard brown clay 6; hard blue clay 10; soft blue clay 64; medium
	* 81	D.W. Ostertag	Sons	Apr.18,1963	,	₹	60	27	Salty	N	coarse gravel 65. Water at 65. Sandy loom 6; blue clay 33; hardpan 39; red Medina rock 60. Water at 60.

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LINCOLN	CUNTY	<b>-</b> c	ont.										
Niagar	a Twp.	lot	95 128 152		S.W. Merritt W.L.Field & Son W.A. Lounsburt &	Nov.16,1963 Aug.29,1963 Jul. 2,1963	6 6 7	1 ½ 1 1	40 80 90	28 10 14	Fresh	D D,S D,S	Grey clay 35;grey shale 40. Water at 40. Blue clay 30;gravel clay 40;red shale 90. Water at 40. Hard clay 22;soft blue clay 63;red hardban 77;red shale 94.
		#	155	2770	Sons	Feb. 9,1961	7	6	80	112	W	D	Water at 85. Hard clay 19;soft clay 41;hard stony clay 66;soft clay 91;
		*	155	n	**	Dec. 5,1961	7	8	34	12		D,S	sand gravel 97; red shale. Water at 91. Hard clay 24; soft clay 34; stony hardban 37; coarse gravel 42. Water at 42.
		W	156 157	J. Paterak Stamley Bros	S.W. Merritt W.A.Lounsbury &	Aug.19,1960 May 3, 1963	6 7	15	10 93	8		D D	Boulders clay 25;gravel 27. Water at 27. Hard brwon clay stones 33;blue clay 52;grey sand 50;hardban
		и	163	V. Veide	Sons	Мэу 31,1962	7	5	60	19		D,S	68; red rock 100. Water at 100. Sandy loam stones 25; blue clay 58; hardban 63; red rock 74. Water at 70.
		*	164	A. Gaspich		Nov.20,1962	7	8	50	4		D	Sand fill 2; blue clay 28; hardman 34; sandy clay 56; red sand 66;
			167	M. Grunfelder	•	Jan.15,1963	7	17	40	15	•	D,S	small coarse gravel 68. Water at 67. Hard brown clay stones 32; blue clay stones 42; fine red sand
			169 169		:	Jul. 8,1960 Aug.15,1961	7 7	17 1	23 120	14 14		D,S	49:fine coerse gravel 51%. Water of 51%. Hard clay 18; blue clay 38; coarce σravel 42. Water of 38. Hard clay 18; soft clay 76; sand 92; sand grovel 102; clay 106;
		*	169	E. Ilchenko		May 25,1962	7	17	70	19		D,S	fine sand 111; red stelle 125. Water at 125. Blue clay 45; sandy clay 60; fine red sand 74; coarse gravel 76.
		**	169	A. Ward		Jul.15,1961	7	10	58	14	**	D	Water at 76. Hard clay 21; soft clay 48; hard red clay 57; soft clay 72; coarse
s			169	J. Ward	#	Apr. 8,1963	7	20	65	14		D	gravel 81; sand gravel 94; coarse gravel 98. Water at 98. Brown hard clay small stones 35; blue clay 60; red shale 65;
5		*	170	H. Wiens	*	May 17,1962	7	20	44	18	п	D	blue clay 75; fine sandy clay 90; coarse gravel 91. Water at 91. Old well 18; soft clay 62; sandy clay 73; coarse gravel 78. Water at 78.
		**	177 182	Ont.Dept. of	W.L.Field &Son W.A. Lounsbury &	Aug.21,1963 Apr. 5,1961	6 <del>1</del> 7	6	60 120	18 60	Salty Fresh	In P	Brown clay 6; blue clay 45; sand 60; red shale 68. Water at 66. Hard clay 18; soft clay 57; hard clay 91; sandy clay 112; red
		**	184 184	Highways E. Cornel	Sons F. Merritt	May 15,1963 May 17,1963	6	63	50 60	14 22	"	D	marl 127; red rock 140. Water at 195.  Brown clay 12; fine gravel 38; limestone 50. Water at 43.  Brown clay 20; fine gravel 62; limestone 65. Water at 54.
		*	186	G. Selmen	W.A.Lounsbury & Sons	Nov.15,1963	61	1	75	25	*	D	Sandy loam 10; soft blue clay 24; hard blue clay 34; hardpan 39; red rock 75. Water at 66.
		**	187	R.E. Yates	# JOHS	Nov.18,1960	7	7	57	14	**	D	Sandy loam 6; blue clay 35; small stones blue clay 37; gray sand 45; red rock 57. Water at 55.
		**	187	N. Green		Apr.19,1962	7	8	40	12	**	D	Sandy loam 6; blue clay 20; blue clay small stones 22; blue clay
		**	188	G. Paulin		May 31,1963	7	8	45	12	10	D	37; hardoan 45; red rock 55. Water at 55. Hard brown clay 6; blue clay 45; red sand 50; white fine sand 55;
		e	191	H. Butler &	W.L.Field & Son	May 18,1961	6 <del>1</del>	30	38	10		D,S	small coarse gravel 57. Water at 57. Brown clay 15; brown quicksand 20; blue clay stones 30; sand
		n	191	H.J. Clarke	w.L.Fleid & Son	Aug. 8,1963	6	10	20	10		D	gravel 35;gravel 42;red shale 43. Water at 38. Brown clay 4;blue clay 24;blue sand 43;coarse gravel 45.
		*	194 194		W.A. Lounsbury &	Jun. 3,1960 Feb. 1,1961	6 <del>1</del> 7	30 6	20 46	6 18	"	D	Water at 43.  Blue clay 20; clay gravel 35; gravel 40. Water at 35.  Old well 19%; hardoan stones 33; hard clay gravel 43; red shale
			194	E. Baranoski	Sons W.L.Field & Son	May 30,1961	6 <del>1</del>	10	45	10		D	60. Water from 43 to 54. Brown clay loam 15; blue clay 30; fine grey sand 40; sand gravel
			194	B. Newman	*	Jun.14,1961	6 <del>1</del>	35	30	7		D	45; red gravel 50; red shale 53. Water at 46. Old well 22; boulders gravel 30; stone gravel clay 38; gravel sand
			194	Dr.I.Petrovski		Jun.27,1961	61	10	30	12		D	40; stones 41; red shale 50. Water from 22 to 30 and from 38 to 40. Brown sand 4; clay stones 20; sand stones 40; gravel 48; red
		W	194	A. Epp Jr.		May 11,1962	6 <del>1</del>	20	40	20		D,S	shale 52. Water at 45. Dark loam 3; large stones loam 10; brown loam 20; grey sand 30; dark sand 40; sand gravel 48; red shale 50. Water at 46.
			1.	2. Footnotes giv:	ing the meanings of	location abbre	viatio	ns and	of symb	ols de	signating	uses	of wells may be found at the end of Appendix C.

LOCATI	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
INCOLN COUNTY Niagara Twp	- cont. - cont. lot 194	W. Andres	W.A.Lounsbury &	Jul.10,1961	7	8	34	6	Fresh	D	Old well 15;hardpan 25;red shale 40. Water at 40.
	* 194		Sons	Aug. 9,1962	7	てき	72	21		D	Sandy loam stones 16; fine sand stones 41; red Medina rock 72.
	* 194	A. Oostanza		Oct. 4,1963	7	4	34	10	wi	ם	Water at 62.  Sandy loam 3;sandy clay 12;sandy clay stones 33;fine coarse
MR		M. Slak	*	Jan.19,1961	7	5	60	12	*	D	gravel.34. Water at 34. Red sand 6;herd cley 17;herdpen 28;cley 32;herdpan 40;red
N.F.L.C.S.		F. Longo	*	Oct. 4,1960	7	5	63	14	**	D,S	shale 60. Water from 40 to 60. Cistern 18; blue clay 35; fine red sand 43; red Medina rock 63. Water at 60.
N.F.L.C.S.		P. Sterligow	W.L.Field & Son	May 4, 1962	61/2	2	45	10		D,S	Brown sand 10; grey sand clay 30; fine sand gravel 40; red shall 52. Water at 45.
N.F.L.C.S.		L. Newhouse	W.A. Lounsbury & Sons	Aug. 1,1962	7	3	95	14		D,S	Sandy tousoil 7;soft clay 29;stony red hardpan 47;red hardpan 133;red shale 98. Water at 84.
N.F.L.C.S.		G. Pries	**	Apr.11,1963	7	1/2	75	18	*	D,S	Cistern 21; sandy clay 37; hardpan 40; red Medina rock 76. Water at 75.
N.F.L.C.S. FGT Con I	lot 1	R.C. Topp L. Cratt	S.W. Merritt W.A. Lounsbury &	Nov.15,1963 Jun.24,1960	6	2 2	60 60	40 9		D D	Grey clay 42; red shale 75. Water at 60. Sandy loam 11; blue clay 24; sandy blue clay 40; gravel 42; fine
FGT Con I	* 1	C. Ross	Sons	Aug.27,1963	7	3	60	22	**	D	red sand 55; red Medina rock 62; Water at 48. Sand 6; hard clay 18; soft clay 26; hardoon 42; red Medina rock 65. Water at 65.
FGT Con I FGT Con I	" 2 " 2	H. Rasmsissen W. McQuillen	S.W, Merritt W.A.Lounsbury &	Aug.18,1962 Sep.17,1963	6 7	1 2½	47 70	21 27	*	D D	Clay send 18; boulders sand 35; red packed sand 47. Water at 4 Soft clay 22; hard clay 38; hardpan 43; red Medina rock 73.
FGT Con I	<b>"</b> 10	D. Paxton	Sons "	Oct.22,1960	7	20	38	18	"	D	Water at 70. Sandy clay 7; blue clay 41; hordpan 49; red shale 60. Water at
FGT Con II	* 1	R. Bartel	•	Feb.24,1961	7	3	40	14		D	54. Hard clay stones 16; soft clay 22; sand 34; sand gravel 42. Water at 34.
FGT Con II	• 1	W. Weins	W.L.Field & Son	Nov.13,1963	6}	4	50	12		D	Brown sand 20; blue clay 40; blue clay sand gravel 56; red shal
FGT Con II	* 7	G.A. Jefferys	W.A. Lounsbury & Sons	Apr.25,1963	7	17	65	26	*	D,S	Sandy loam 8; soft blue clay 42; hard blue clay 70; sandy clay gravel 74; hardban 76%; red Medina rock 82. Water at 56.
FGT Con IV	" 5 " 2	J.R. Walters	F. Merrith	Aug.11,1960	6	10	20	16	"	D	Clay 73; sand 75; Water at 75.
FGT Con V	# 2 # 6		S.W. Merrith W.A. Lounsbury &	Mar. 1,1963 Jun.10,1960	6 7	15	16 103	16 40		D N	Grey clay 32; packed sand clay 41; gravel 43. Water at 43. Hard brown clay 25; blue clay 83; gravel 83; red fine sand 97;
FGT Con V	<b>"</b> 6	Ltd.	Sons	Jun.20,1960	7	2	118	28	н	N	red Medina rock 103. Water at 103. Hard brown clay 25; blue clay 60; sandy blue clay 93; gravel 97
FGT Con V	" 6			Jul.15,1960	7	17	40	24		D,S	hardcan 101; red Medina rock 118. Water at 109. Hard clay 16; blue clay 60; sandy blue clay 83; coarse gravel
FGT Con VI	* 2	J. Conroy		Nov.23,1962	7	7	55	25		D,S	88. Water at 83. Hard brown clay 23; red hardown 47; fine
FGT Con VIII	" 7	Niegare Go- cart Park	S.W. Merritt	Aug.11,1960	6	1	120	39		D	red sand 54; coarse gravel 57. Water at 57. Clay mixed sand 118; red shale 127. Water at 127.
FGT Con IX	* 2	R. Masterson	W.A. Lounsbury & Sons	Jun.28,1960	7	30	100	68		D,S	Hard clay 21; soft blue clay 74; hard clay 92; sandy clay 127;
FGT Con X	* 1	Ont.Dept. of	C.Goodberry Well Drilling Ltd.	Mar.29,1961	6	10	184	51	Salty	P	sand 131; coarse gravel 135. Water at 131. Clay 105; red shale 190. Water at 170 and 180.
FGT Con X	* 3	E. Nixon	W.L.Field & Son	Aug.14,1963	6	2	65	30	Fresh	D,S	Blue clay 10; red clay 48; brown hard rock 52; red shale 70. Water from 52 to 70.

n A n A n A	Twp lot	6 15 18 4	S. Las M. Grad A. Koenig N. Taylor	S.W. Merritt F, Merritt E. Constable	May 19,1960 Jul.31,1962 May 28,1960 Dec. 5,1960	6 6 6	16 10 10	12 25 15 165	10 22 8 65	Fresh " Salty	D D,S D	Clay 28; Niagara rock 34. Water at 34. Clay 32; limestone 33. Water at 32. Claw 32; limestone 33. Water at 33. Brown clay 6; blue shale 98; red shale 140; blue shale 170.
n II	*	4 4 4	M.J.Perosak S. Ito	S. Gill W. Packham	Dec.17,1960 May 4, 1961 May 4, 1962	6 6	2 3½	19 60	14 23	Fresh	D D	Brown clay 9; red shale 24; limestone 50. Dry hole. Brown clay 16; grey rock 45. Water at 43. Stony clay 6; shaly broken rock 12; limestone 30; grey shale 65. Water from 35 to 58.
n II	10	6 8 8	J. Gaudit J. Spencer H. Lip	F. Merritt S.W. Merritt F. Merritt	Mar. 2,1961 Jul.2, 1960 Jun.27,1961	6 6	2	3? 52 32	15 25 8	**	D D	Brown clay 3; grey limestone 35. Water at 17 and 34. Clay 2; grey shale 18; grey rock 24; red shale 52. Water at 30. Brown clay 6; grey limestone 12; red shale 34. Water at 15 and 28.
	**	8 8	C. Corbin N. Piett	S.W. Merritt	Jun. 8,1963 Sep.17,1963	6	200	28 28	8 12	*	D D	Brown clay 6;grey rock 22;red shale 30. Water at 22. Clay stones 4;grey shale 6;lime tone 22;red shale 28. Water at 20.
	**	10 C	J. Jersok F. Cohro	F. Merritt	Jul.23,1960 Jan.16,1962	6 5	10 4	25 40	20 15		D D	Clay 7; limestone 35. Water from 30 to 35.  Brown clay 2; boulders shale 8; grey rock 44. Water at 18 and 42.
n III		4	P. Kuruc	S.W. Merritt	Dec.23,1961	6	13		14		D	Clay stones 3; Niagara rock 24; limestone 38. Water from 30 to 38.
n III		5	Brazilian	10	Nov.26,1960	6						Clay 20; Niagara rock 60; limestone 80; mud 92; shale 110; red muddy shale 114. Dry hole.
	"	8 9	J. Wisnoski M. Smerek	W.L.Field & Son	Nov. 4,1960 Feb.24,1960	6 <del>1</del>	3 10	60 25	24 6	Fresh	D D,S	Blue clay 32; stones gravel 36; grey limestone 70. Water at 62. Brown clay 7; blue clay 20; clay stones 22; limestone 42. Water at 35.
n III	**	9 10 12	R.N. Lawson N. Smerek R.C. Moyer	F. Merritt W.L.Field & Son	Aug.20,1962 Oct.17,1963 Aug. 9,1960	6 10 10 10 10 10 10 10 10 10 10 10 10 10	10 8 20	20 30 30	15 12 14		D D S	Blue clay 21;grey limestone 32. Water at 32. Blue clay 27;rock 32. Water at 30. Blue clay 20;clay sand 30;send grevel 35;coarse stone 40. Water at 36.
n III	**	14	J. Cipens	F. Merritt	Jun.12,1961	5	15	20	12	*	D	Brown clay 15; blue clay 32; grey lime tone 35. Water from 32 to 35.
n III n III	100	15 15 16 17	G. Powell J.VanOgtrap C.W. Lewis	# # #	May 16,1961 May 10,1962 Jun.30,1962 Aug.27,1960	5666	10 5 3 10	35 50 55 65	25 39 35 45	17 18 18	D D C	Clay 31;grey limeatone 49. Water from 31 to 49. Blue clay 39;grey limeatone 55. Water at 55. Blue clay 40;grey limeatone 60. Water at 55. Clay 36;limeatone 73. Water at 72.
n III n III	**	17 18 22 22	C. Vanbuuren C.J.Vanleeuwen A. Paolasini	W.E. Scriven W.L.Field & Son	Jul. 1,1963 Feb.13,1961 Aug.?1,1961 Nov. 2,1962	6 6 6 <del>6</del>	8 10 3 10	55 60, 35 78	40 45 25 42	Sulphur Fresh	S S D	Blue clay 35; grey limestone 22. Water at 20. Brown clay 30; grey limestone 62. Water from 34 to 60. Tonsoil 2; brown clay 20; grey clay 40; limestone 60. Water at 60. Brown clay 5; blue clay 38; stones gravel 40; brown stone 45; white limestone 60; grey limestone 86. Water at 76.
n IV		22 8 8 9 12 13 14 18 21 L	L.H. Hawkey J. Morel N.V. Tomkin B. Vickers J. Winchester P. Sawchuk K. Wasilewski L. Weninger A. VanRyn C. Zonneveld D. Hurst J. Myronuk	W. Packham G.J. Wallis W.L. Field &Son S.W. Merritt W.L. Field & Son S.W. Merritt F. Merritt Cross Bros. F. Merritt W. Fackham F. Merritt W. Field &Son	May 14,1963 Dec.24,1962 Aug.23,1961 Oct.26,1961 Jun.28,1963 Oct.26,1960 Sep.18,1962 Sep.27,1962 Nov.20,1963 Jan.16,1963 Jun.8,1961 Jul.15,1962	666666666666666	12 30 56 10 15 10 50 24 10 20	70 7 20 18 7 12 28 25 20 30 25 15	40 1 6 12 3 12 17 17 10 20 10			Clay 36; limestone 80. Water from 75 to 78. Light brown clay 9;grey clay 31; fine gravel 32. Water at 31. Blue clay 12; limestone 30. Water at 20. Clay 6; shale 8; grey rock 48. Water from 32 to 48. Brown clay 2; blue clay 20; coorse gravel 21. Water at 20. Clay 30; shale 32. Water at 32. Blue clay 17; grey limestone 27. Water at 26. Blue clay 17; grey limestone 29. Water at 28. Brown clay 15; grey clay 28; gravel 30. Water at 30. Brown clay 27; grey limestone 42. Water at 40. Brown clay 1; limestone 34. Water at 30. Clay 8; limestone 35. Water at 35. Blue clay 15; limestone 39. Water at 35. Blue clay 15; limestone 39. Water at 35.
		th Grimsby Two n A n A n A n A n A n H n H n H n H n H n H n H n H n H n H	m A lot 6 m A 15 m A 15 m A 18 m II 18 m II 19 m II 10 m II 19 m II 10 m II 19 m II 10 m II 19 m II 11 11 m 12 m II 11 15 m II 11 15 m II 11 15 m II 17 m II 11 17 m II 18 m II 19 m I	th Grimsby Twp. cont.  In A	th Grimsby Twp. cont.  m A	th Grimsby Twp. cont.  MA 10t 6 S. Las M. Grad MA 10t 6 N. Taylor M. Grad M. Taylor M. M	th Grimsby Twp. cont.  A lot 6 S. Las  MA   15 M. Grad  MA   18 A. Koenig  MI   4 M. Jerosak  MI   4 M. Jerosak  MI   6 J. Gaudit  MI   8 J. Spencer  MI   8 J. Spencer  MI   8 J. Spencer  MI   8 J. Spencer  MI   8 J. Jersok  MI   8 J. Jersok  MI   8 J. Jersok  MI   8 J. Jersok  MI   9 J. Jersok  MI   10 J. Jersok  MI   11   10 J. Jersok  MI   10	th Grimsby Twp. cont.  A	th Grimsby Twp. cont.  MA 10 16 S. Les M. Grad	th Grimsby Twp. cont.  m A	th Orimsby Twp.comt. mA	th Orlmsby Twp.copt. m A

LOCATI	ION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
EINCOLN COUNTY When the Grimsby Con V Con V Con V Con VI C	Twp.cont lot 7 7 17 23 1 1 2 3	T. Richards W. Vanderpleeg W. Scott P. Bowman W. Purduky J.Szpekowski H. Weiland L.R.Mewhiney A. Keizer T. Causley T. Rattray I. Lawrence R. Derksen P. Chadwick F. Cohrs S, Hameka H. Aston P, Pruyers	S.W. Merritt F. Merritt G.J. Wallis E. Constable F. Merritt W.A.Lounsbury & Sons W.L.Pield & Son F. Merritt  E. Constable F. Merritt S.W. Merritt Allard Bros W.Field & Son F. Merritt	Dec.10,1960 Jen.17,1961 Aug.29,1962 Sep.17,1963 Jun. 6,1963 Jun. 12,1963 Apr.15,1961 Apr. 2,1962 May 8, 1961 Aug.13,1960 Apr.27,1963 Jun. 6,1961 Jul. 3,1960 Oct.24,1960 Oct.10,1960 Oct.5,1960 Jul.12,1963 Jul.12,1963 May 31,1960	666666657 666665652266	351212 3365 20010 106310 522210	255 300 122 300 255 400 17 305 255 305 255 305 155 305 255 305 155 305 255 305 305 305 305 305 305 305 305 305 3	152 18 8 12 15 12 16 30 25 22 12 16 8	Sulphur Fresh Sulphur Fresh Sulphur Fresh		Clay 9; Niagara rock 37. Water at 33 and 37. Clay 8; Niagara rock 37. Water at 37. Blue clay 20; grey limestone 58. Water at 22 and 58. Grey clay 13; grey limestone 17. Water at 16. Topsoil 5; gravel shale 12; limestone 45. Water at 35. Topsoil 2; shale 5; limestone 50. Water at 40. Brown clay 15; grey limestone 41. Water at 35. Hard brown clay 6; brown clay stones 12; limestone 20. Water at 20. Blue clay 44; stones gravel 50; coarse stones 52. Water at 50. Clay 37; limestone 42. Water at 42. Clay 13; grey limestone 32. Water at 32. Brown clay 12; grey limestone 49. Water from 44 to 48. Topsoil 3; clay boulders 20; shele 23; limestone 60. Water at 45. Clay 22; limestone 33. Water at 32. Water 1; Niagara rock 30; limestone 55. Water at 35 and 55. Bedrock limestone 68. Water at 66. Bedrock limestone 67. Water at 65. Brown clay 1; limestone 68. Water at 65. Brown clay 1; limestone 69. Water from 15 to 65. Clay 6; limestone 31. Water at 30.
St. Catherines St. Catherines St. Catherines St. Catherines	City City	Golf Club	W.A.Lounsbury & Sons	Jun.15,1960 Jun.20,1960 Jun.27,1960 Jul. 4,1960	7 7 7	30	47	17	Fresh	P	Soft clay 46; sandy clay 57; coarse gravel 61. Water at 57.  Hard clay 18; soft clay 67; hardban 73; red shale 75. Dry hole.  Hard clay 22; soft clay 96; hardban 115; rock. Dry hole.  Soft clay 48; stones clay 50; hard clay 57; red hardban 61. Dry
St. Catherines St. Catherines St. Catherines St. Catherines St. Catherines	City City City City City	S. Anthony Golf Club  C. Hack J. Ens		Aug. 10,1960 Nov. 14,1960 Nov. 15,1960 Nov. 17,1960 Jun. 26,1961 Aug. 25,1961	7 8 7 7 7	2 30 30 30 30 3	40 57 50 46 70 65	12 13 18½ 14 18	Sulphur Fresh	P P D D	hole. Hard brown clay 11%; limestone 40. Water at 38. Soft clay 57; coarse gravel 63. Water at 57. Soft clay 55; fine sand 61; red shale 63. Water at 55. Soft clay 57; fine sand 61; red shale 64. Water at 57. Red sand 8; hard clay 16; soft clay 68; hard red sand 74; red hardpan 83; red shale 84. Water at 83. Hard clay 21; soft clay 57; hard clay 78; red hardpan 86; red shale 100. Water at 100.
St. Catherines  South Grimsby Con A Con A		J.Weise Trans-Can.Pipe Lines	g.W. Merritt W.L.Pield & Son	Jul.12,1963 May 22, 1961 Feb. 2,1962	7 6 6	1 14 10	12 30	26 12 18	Fresh Fresh	S P	Hard brown clay 15; blue clay 82; fine red sand 86%; red Medina rock 89. Water at 89.  Brown clay 23; grey shale 25. Water at 25. Blue clay 20; coarse pravel 25; limestone 40. Water at 35.
Con VII Con VII Con VII	* 2 * 3 * 16	W. Smerek W. Pedoryshyn F. Duck	F. Merritt S.W. Merritt	Mar.22,1962 Apr.20,1961 Jun.14,1963	6 <del>1</del> 6 6	10 15 16	30 30 22	10 22 19	:	D,S D	Clay 10; loose stone 20; limestone 42. Water at 38. Brown clay 12; grey limestone 39. Water at 39. Grey clay stones 29; grey shale 30; Niagara rock 35. Water from 33 to 35.
Con VIII Con VIII Con VIII		C. Walker H. Gibson M. Tomascin M. Taylor	Allard Bros. F. Merritt S.W. Merritt	Jun.18,1963 Apr.20,1960 Nov.30,1962 Feb.25,1960	6 2 6 5	15 5 10 15	10 22 18	10 15 16		D C D D	Grey clay stones 30;grey shale 32;Niagars rock 36. Water from 34 to 36. Old well 30;brown shale 103. Water at 100. Blue clay 33;grey shale 33. Water at 33. Clay 40;shale 42. Water at 42.

LINCOLN	COUNTY	- 00	nt.			8							
South Con V Con V		lot		C. Felvus Superior Propane Gas Co	F. Merritt	Oct.20,1960 Oct.11,1963	5	10 10	25 25	22	Frech	D P	Clay 23; limestone 42. Water from 40 to 42. Blue clay 18; blue shale 24; grey limestone 45. Water from 25 to 44.
Con V Con V Con V	/III		17 19 31	B. York D. Balint J. Bator	E. Constable	Dec.24,1963 Dec. 5,1961 Sep.30,1963	6 6	5 12 5	30 26 22	20 22 20		D D	Blue cloy 19; grey limestone 35. Water at 34. Blue cloy 25; grey limestone 39. Water at 37. Tonsoil 3; brown cloy 10; coarse gravel boulders 28; limestone
Con V Con V Con V Con I Con I Con I	/III /III IX IX		37 37 40 2 4 6 7	W. Itner P. Johnson O. Gilman J. Green J. VanDorp B. Saunders Can. Reform School Society	S.W. Merritt W. Packham F. Merritt " " S.W. Merritt	Oct.29,1962 Jun.22,1963 Aug.24,1960 May 24,1963 Nov.13,1963 Sep. 6,1963 Jun.13,1963	66666666	16 25 6 10 10 10	18 40 30 30 20 32	16 10 15 22 23 15 20		D,S DDDDSDP	30. Water at 30. Brown cley 24;Niagara rock 34. Water from 31 to 34. Cley 22;limestone 31. Water at 29. Clay 15;limestone 47. Water from 40 to 47. Blue clay 37;grey limestone 45. Water at 44. Blue clay 22;grey limestone 45. Water at 42. Blue clay 15;grey limestone 33. Water at 32. Grey clay 15;grey shale 12;rock 49. Water from 32 to 48.
Con I		17 17 17 17 17 17 17 17 17 17 17 17 17 1	8 11 11 14 15 19 22 27 29 31 33 36	P. Adams L. Hodgkins F. Allen A. Angle J. Ezewski P. Ravensbergen V. Grishko W. Richards F. Modriejewski D. Switzer V. Zewharodny T. Peterson A. Staboon T. Heida D. Hutchinson	Allerd Bros. S.W. Merritt F. Merritt S.W. Merritt F. Merritt S.W. Merritt	May 4, 1962 Jul.11,1960 Nov.25,1960 Jul.17,1962 Jun. 9,1960 Jen.15,1960 May 25,1962 Jun. 8,1962 May 10,1960 Aug.10,1960 Aug.10,1960 Apr.29,1963 May 10,1963 May 10,1963 May 9, 1962	62666656666666666	14 3 15 10 10 16 10 10 16 3 12 10 10	38 20 22 20 26 18 25 25 20 32 25 22	38 17 18 18 24 15 20 18 Flows 10 14 15 30 13	# # # # # # # # # # # # # # # # # # #	000,0000000000000000000000000000000000	Clay 3°; Niagara rock 60. Water at 3° and 60. Grey clay sand 12; shale 83. Water at 73. Clay 31; shale 33. Water at 33. Blue clay 20; grey limestone 32. Water at 30. Clay 33; limestone 39. Water at 39. Clay 20; shale 22; Miagara rock 37. Water at 37. Blue clay 30; grey limestone. Water at 30. Clay 22; boulders grevel 25; Niagara rock 28. Water at 26 and 2°. Clay 11; Niagara rock 33. Water at 33. Clay 16; shale 15; Niagara rock 27. Water at 16 and 27. Blue clay 15; grey limestone 39. Water at 39. Clay 18; grey limestone 25. Water at 39. Clay 18; grey limestone 46. Water at 45. Brown clay 13; grey limestone 46. Water at 45. Brown clay 13; grey limestone 32. Water at 25 and 32. Clay 12; boulders clay 16; Niagara rock 55. Water at 44 and 55.
A119	CULIN DI en Twp.	STRI lot		Pleasant Valley School	S.& O. Wright	Aug. 6,1960	4						Topsoil 2;grey rock cley dark soil 47;dark rock 55. Dry hole.
Cor	n VIII n IX n XI	**	23 1 21	L. McCannel H. Bailey A. Armstrong	D. Wright S.& O. Wright	Jul. 6,1962 Jun.14,1962 Jul.15,1960	4 5 4	6	27	9 10	Fresh	D D	Brown clay boulders 13; grey limestone 36. Ery hole. Clay 4; grey limestone 27. Water at 8. Gritty clay soil 6; grey limestone 35. Water at 25.
	oinack 1 I	Twp.	6	J. Mole	D. Wright	Jul.27,1962	Ł.	10	16	16	Fresh	D	Broken limestone clay 4; grev limestone 26; brown limestone 35. Water at 26.
Cor	n I		23	K. Bowland	*	Aug. 3,1960	4	2	38	4	•	D	Brown sandy loam 3; blue clay stones 7; ouicksand 14; grey limestone 40. Water at 30.
Cor	n I	•	38	B. Size	*	May 26,1960	4	1	58	15		D	Brown elsy boulders 14; garey limestone 38; blue shale grev limestone 46; grev limestone 56; blue shale grey limestone 59. Water at 27 and 47.
Cor	ı I	*	38	N. Size	*	Jun. 1,1960	4	ž	34	2		D	Brown clay stones 11; clay gravel 12; grey limestone 34; blue shale 36. Water at 12.
Cor	n I	*	38	I. Mertin		Jul. 6,1960	4	1	35	2	Sulphur	D	Brown cley 9; grey limestone 35; blue soft limestone 37. Water at 27.
Cor	ı I	*	15	S. Little	"	Jul.11,1960	4	100	38	4	*	D	Brown clay stones 13; grey limestone 30; blue shale grey limestone streaks 35; grey limestone 40. Water at 28.
			1	2 Fastnates giv	ing the meanings of	location share	viatio	ne and	of sym	hols de	signating	11585	of wells may be found at the end of Appendix C.

	LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	. Log and Remarks (Depths to which formations extend below the surface are given in feet)
	ANITOULIN DIST	RICT											
	Assiginack Twp Con I		ont.	A. Wright	D. Wright	Jul.20,1960	4	< <u>}</u>	28	5	Sulphur	D	Brown clay stones 10;grey limestone 28;blue shale 30. Water
	Con I		38	C. McLennan		Jul.23,1960	4	<⅓	31	4	w w	D	at 25. Brown clay stones 10:grey limestone 31:blue shale 33. Water
	Con I		38	W.J. Chatwell		Oct.28,1960	4	,	10	5	Fresh	ם	at 28.  Grey clay stone 15;gravel 22. Water of 15.
	Con I		38	H. Bryant N. McKechnie	S.& O. Wright	Jun. 3,1961 Oct.10,1961	4	3	28	10		D	Brown clay 1; grey limestone 20; blue shale 30. Water at 20. Stony hardban 10; dark grey limestone 96; Water at 54, gas at 90.
	Con I	**	38			Oct.12,1961	5 5	62	15	5		D	Clay hardpan 11; dark grey rock 45. Water at 12 and 13.
	Con I Con I		38	H. Little B. Leeson	D. Wright	Dec.14,1961 Apr. 2,1962	4	× × 6 * 1	15 28 38	5 5 5	Sulphur Fresh	D D	Brown clay boulders 15; limestone 32. Water at 27. Brown clay 7; grey limestone 24; brown soft limestone 30.
	Con I		38			Apr.11,1962	4						Water at 24. Brown clay 7; grey limestone 50. Dry hole.
	Con I		38	Post office Manitowaning	S.&O. Wright	Aug.17,1962	8						Clay stones 6; grey rock clay 77. Dry hole.
	Con I	*	38 48	B. Leeson	D. Wright	Jun. 5,1963	4	101	39 38	23	Fresh	D	Brown clay 1; grev limestone shale 40. Water at 33.
	Con I		48	T. Wright		Jul.27,1960				7		D,S	Brown clay stones 15; blue clay streaks quicksand 25. grey limestone 39; blue shale 40. Water at 31.
	⊙n II		12	A. Macko	"	Aug.11,1962	4	2	85	36	•	D	Smell stone brown clay 3; brown limestone 15; grey limestone 40; white limestone 46; grey limestone 46; grey limestone 88;
	Con II		40	A. Connors		Jun. 8,1960	4	< ⅓	30	10		ם	brown limestone 90. Water at 85. Brown clay stone 5;blue soft shale 26;grey limestone 32.
244	Con VI		33	R.H.Pleoger		May 14,1960	4	6	10	10	Sulphur	כ	Water at 26. Dark topsoil 2; quicksand clay 30; clay small stone 32; sandy
													clay 44;gravel 45;hard limestone 49;soft blue limestone 50.
	Con VII		31	R. Chatwell	*	Nov.20,1963	4	2	35	15	Fresh	D	Sandy loem 3; sendy cley 15; gravelly clay 35; sand gravel 40.
	Con XV Con XV	*	8	L. Sagle	-	Jun.22,1960 Jun.29,1960	5	1	65	35	Fresh	D.S	Brown clay 1; arey limestone Silica 35. Dry hole. Brown clay 1; arey limestone Silica 40; arey limestone 75.
		200		-							rresn		Water at 65.
	Con XVII		6	J. Lowhan	S.&.O. Wright	Aug.19,1961	4	6	20	18		D	Clay 2;grey limestone 62. Water at 55.
	Barrie Island												
	Con IV	lot	13	F. Mervyn Barrie Island	S.7 O. Wright D. Wright	Jul.11,1961 Kay 23,1962		6	7 25	7	Sulphur	S P	Dark likestone 30. Water at 20 and 24. Brown clay 3; shaly blue grey limestone 26; black shale 27.
				School									Water at 24.
	Bidwell Twp.												
	Con III	lot		G. Beatty	D. Wright	Oct.10,1963	4	₹}	39	15	Sulphur		Brown clay 8; grey limestone 38; blue shale 40. Water at 34.
	Con IX		11 16	P. Ferguson W. Cunning	ī	Sep. 8,1960 Aug.28,1962	4	1	39 50 34	1 <i>E</i>	Fresh	D	Brown clay stones 8; grey limestone 53. *ater at 34. Old well 6; blue clay gravel boulders 19; grey limestone 34.
													Water at 25.
	Billings Twp.	lot	7	Indian Affairs	S.& O. Wright	Sep. 2,1962	4	6	73	53	Fresh	D	Sand boulders 91. Water at 83.
	Con IV	#	ģ	LakeviewSchool		Jul. 4,1961	6	10	100	75	Sulphur		Sand topsoil 10:boulders sand 50:fine gravel 55:fine sand
													quicksand 81; clay %; dark grey rock 118. Water at 115.

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	ANITOULIN DIST			nt.									
	Billings Twp. Con IV	- co lot	nt. 13	Dept.of Indian	D. Wright	Mar.30,1963	4	10	26	26	Fresh	D	Grey clay stones 5; b'ue shale limestone 30; red shale limestone 60; grey limestone 70. Water at 38.
	Con XIII Con XIV		21 27	N. Lloyd KagawongSchool	S.& O. Wright	Jul.13,1961 Jun.11,1962	4 5	6 1	38	32 10	Sulphur Fresh	D P	Silty clay 15;dark grey rock 38. Water at 34. Grey rocks seems blue shale 50. Water at 20.
	Con XV Con XVI		21 29	R. Fogel L. Brando	•	Sep. 9,1963 Jun.13,1962	5	< 1/2	52	24	•	ם	Sandy clay 7; blue shale 115. Gas at 115. Dry hole. Limestone blue shale 52. Water from 17 to 47.
	Burpee Twp. Con IV Con V Con V Con VI Con VI	lot	10	H. McDonald A. Long D. Campbell J. Patterson C. Matheson	D. Wright S.& O. Wright D. Wright	Oct. 1,1962 Oct.16,1962 Sep.21,1961 Jul.29,1961 Jul.14,1961	45444	6 6 4 3	32 20 28 30 30	30 9 18 30 5	Fresh	D S D,S D	Previously drilled 55; grey brown limestone 87. Water at 80. Clay 9; herd grey limestone 74. Water at 55. Clay 4; grey limestone 78. Water from 70 to 72. Sand 4; grey limestone 50. Water at 38. Fine sand 30; grey clay gravel 64; grey limestone 67. Water at 65.
	Con VII Con VII Con VII Con VII Con VIII Con VIII Con VIII Con VIII		20 23 32 33 26 29	C.& I. Smith A. McKinley A. Hell L. Burrough G. Morrison W. Robertson M. Hayden	S.& O. Wright D. Wright S.& O. Wright	Sep.14,1961 Jul.21,1961 May 17,1963 Jun.12,1963 Oct. 5,1962 Jul. 1,1960 Oct.22,1962	4444544	6 3 6 5 6 1 6	30 65 12 16 48	18 10 54 8 16 64 35		D D,S D D D	Rock grey limestone 70. Water at 66. Grey clay 5;grey limestone 40. Water at 27. Stones clay 8;grey limestone 106. Water from 65 to 90. Limestone 90. Water at 50 and 85. Sendy clay 9½;grey rock 35%. Water at 30. Clay loam 10;limestone 101½. Water at 90. Brown clay 2;shaly rock 12;grey limestone 80. Water at 60.
245	Campbell Twp. Con III Con VII	lot		A. Pearson E. Lewis	S.& O. Wright D. Wright	Sep. 6,1960 May 17,1963	4 4	6	50 55	35 49	Fresh	D,S D,S	Loam clay 10½; grey limestone 110. Water at 65 and 100. Brown clay stones 9; white Silica rock 49; grey limestone 60. Water at 49.
	Con IX Con X Con X Con X	:	9 10 11 11	F. McDonald M. Sloss H. Cranston W. Marshall & N.B. McColeman	S.& O. Wright	Jul.12,1962 May 30,1962 Aug.17,1960 Aug.21,1960	4 4 4	666	22 23 101 46	22 23 37 36	i	D D D	Sand gravel 26;grey rock 61. Water at 54. Hard stony clay 72;llaht grey rock 55. Water at 48. Clay boulders 9;grey limestone 101. Water at 65 and 85. Topsoil clay 4;grey limestone 86. Water from 65 to 70.
	Con X Con X Con X Con XI Con XI Con XII Con XII Con XIV Con XV Con XV		11 11 10 11 10 6	R. Lewis A. Lewis A. Lewis R. Campbell C. Gilbrath A. Gilchrist L. Reid S. McDermit L. Arnold M. Milne	D. Wright	Jun. 7,1962 Jun.26,1962 May 27,1963 Jul.10,1962 Jun.30,1961 Jul.18,1961 Dec.12,1963 Oct.30,1963 May 17,1962	44444554	665666559	36 50 43 25 22 46 36 7	28 35 43 18 18 29 25 36 7		D D D D, S D, S D	Hard clay 4; crey limestone 80. Water at 68. Clay stones 8; limbt grey rock 88. Water at 65. Clay stones 9; grey limestone 87. Water at 65 and 87. Light clay soil 3; grey limestone 56; Water at 45. White limestone 82. Water at 50 and 75. Gravel sand 34; limestone 63. Water at 62. Sand 12; grey limestone 78. Water at 65. Clay hardpan 17; grey limestone 105. Water at 96. Fine brown sand 1; grey limestone 30. Water at 17.
	Carnarvon Twp		23	K. Tiffer	S.& O. Wright	Sep. 5,1963	5	5	18	18	Fresh	D	Silty clay 14;grey limestone 56;red blue shale 66. Water at
	Con III Con IV Con IV Con IV		25 18 19 20	L. Elliot R. Wyborn Hospital D. Kirk	:	Jul.10,1963 Apr.30,1962 Jul.23,1960 Jun.15,1961	5 4 5 4	1 6 6 8	107 32 70	60 20 30 24	i	D D P D	60. Stony cley 11; limestone 117. Water at 82. Ebose rock 4; grey limestone 70. Water at 48. Loam light soil 6; grey limestone 66. Water at 36. Old well 4; brown soil 21; bedrock hard limestone 70. Water at 40.
	Con IV Con IV		20 20	J. Heeley F. Smith	:	Apr.25,1962 Sep.21,1963	4	6 5	28 20	18 18	:	D D	Light clay soil 12; grey rock 63. Water at 55. Light clay soil 12; grey limestone 45. Water at 32.
							1	I	1	I	I.		

LOCATI	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MANITOULIN DIS Carnaryon Twp Con IV Con IV Con IV Con V III Range A	lot	nt. 21 21 30	Dr.J.W.McQuay S. Wynman H. Cooper G. Palmer C. Gibson Curling Rink W. Cochrane Anglican Church M. Vanhorne F. Falmer A. Dryden G. White W. Duxbury	S.& O. Wright  D. Wright	Aug. 5,1961 Oct.18,1963 Nov.14,1963 Aug.10,1963 Aug.10,1960 Jul. 26,1960 Jun. 8,1963 Jul. 4,1962 Sep. 2,1963 Oct. 8,1963 May 9,1962 May 25,1962 Oct. 2,1961 Nov.12,1962	FFFFFFFFFFGGG	62166326531661	115 80 45 22 54 41 28 21 17 40 110 18	30 40 30 22 21 20 15 21 17 35 22 12 8	Fresh	D C D,S D D D D D D D D D D D D D D D D D D	Light clay soil 11; white limestone 115; Water at 60. Grey limestone 124. Water at 54. Gritty clay 7; grey limestone 130. Water at 115. Grey limestone 60; Water at 55. Sand 26; grey limestone 54. Water at 45. Stony clay loam 16; grey limestone 56. Water at 46. Light loam 2; limestone 66. Water at 34. Light clay soil 3; grey limestone 60. Water at 35. Light soil 16; grey limestone 50. Water at 35. Light clay 15; grey limestone 50. Water at 35. Grey rock 8; rock hard limestone 110. Water at 35 and 55. Hardman 8; grey limestone 48. Water at 43. grey limestone 73. Water at 24, 36 and 50. Broken limestone 3; brown grey limestone 104. Water at 67.
Dawson Twp. Con IX Con XI	lot	30 23	M. Wicket L. Stephens	S.& O. Wright D. Wright	Sep.15,1960 Sep. 9,1961	4	5 4	75 14	50 54	Fresh	D,S	Hard grey limestone 115. Water from PO to 90. Stones grey clay 16;gravel 29;grey limestone 80. Water at 57 and 74.
Con XI		23	L. Bailey N. MacDonald		Sep.20,1961 Oct. 7,1961	4	4	50 60	44 44		ם	Stones grey clay 14;gravel clay 24;grey limestone 70. Water at 55 and 62. Grey clay stones 14;gravel 26;grey limestone 70. Water at 34 and 61.
Goat Island Unserveyed			K.V.P. Co. Ltd	S.& O. Wright	Jun.22,1960	5	6	12	12	Sulphur	In	Grey limestone 6;hord blue rock 65. Water at 55.
Gordon Twp. Con A Con VII Con VII Con VII		1 12 12 21	L. Greenman C. Clark "B. Best	S.& O. Wright D. Wright S.& O. Wright D. Wright	Aug.27,1963 Jan.12,1963 Sep.17,1963 May 30,1962	4 4	5	14	14	Fresh	D	Grey limestone 30. Water at 18 and 28. Brown clay small stones 10; blue clay stones 18; rrey limestone 40; brown limestone 50; black shale 53. Dry hale. Top clay 3%; grey limestone 18. Dry hale. Brown clay 4; grey limestone 40; black shale 42; blue shale 46.
Con VII Con IX Con XIV E. Range		21 5 2 9	T. Haywood N.B. McDougall Ont.Prov. Police	C. Goodberry	Jun. 4,1962 Feb. 7,1963 Jul.18,1962 Sep.25,1963	4 4 4 6	3	13 62	13 11	Fresh Fresh	D P	Dry hole. Ges at 41. Brown clay 1;grey limestone 20;brown limestone 25;grey limestone 36;black shale 39;blue shale 56. Gas at 39. Dry hole. Grey clay boulders 5;grey limestone 30. Water at 13. Grey clay 9;blue shale 26. Dry hole. Sand 8½;limestone 70. Water at 20.
Howland Twp. Con I Con I	lot	1	School Area	D. Wright	Feb. 1,1962 Mar.15,1962	4 6	1	67	5	Fresh Salty	N	Brown clay 8; black slate 22; Silica 67. Water at 37. Brown clay 7; black slate 22; hard grey limestone 54; grey limestone 80; soft sandstone 91. Gas, salt water at 91.
Con I	•	~	•	*	Mar.27,1962	6	2	38	0	Fresh	P	Brown clay 12; black slate 22; hard grey limestone Silica 31; Silica 40. Water at 4, 6 and 16.
Con I			H. Hall	*	Sep. 21,1962 Sep. 8,1962	6 4	30 5	52 36	20 36	Sulphur	D D	Brown clay 9; black slate 24; Silics 50; bluish shale 52. Water at 24.  Brown clay broken black shale 4; black slate rock 36; Silica 50. Water at 40.

ocont.	J. Ferguson	D. Wright	Aug.14,1963	4	<\frac{1}{2}	57	10	Fresh	N	Brown clay small stone 7:black slate 25; Silica 57. Water at
lot 3	J. Ferguson	D. Wright	Aug. 14, 1963	4	15	57	10	rresn	N	25.
<b>"</b> 3			Aug.20,1963	4	8	67	10	*	N	Brown clay small stone a; black slate 25; Silica 67. Water at 25.
" 3		"	Aug.27,1963	4	7	23	22	•	D	Brown clay stones 15; Silica brown limestone 27; Silica 32. Water at 27.
* 35 * 6 * 19 * 19 * 19	B. Hyatt J. Grigge		Sep.17,1940 Aug. 8,1963 Jul. 6,1961 Dec. 7,1963 Sep.16,1963 Sep.21,1963 Sep.21,1963	4444544	- file of the office of the of	54 51 34 28 20	10 60 35 21 20 20 8	Selty Fresh Sulphur Fresh	D D N D N D N D	Brown clay shale 2; grey limestone 35. Water at 18. Grey clay boulders 18; blue shale 115. Water at 115. Grey clay stones 15; black shale 48. Water at 10. Gas at 30. Brown clay broken rock 10; grey limestone 55. Water at 51. Old drilled well 45; grey limestone 51. Water at 45. Brown clay 2; black slate 25; grey limestone 34. Water at 28. Brown clay 2; black slate 25; grey limestone 28. Water at 28. Brown clay 2; black slate 25; grey limestone 21. Water at 28. Brown clay stones 3; black shale 20; grey limestone 21. Water at 17.
erve No.26,		F.C. Hammond	Apr.23,1960	8	17	22	Flows	Fresh	P	Fill 10; hardpan 15; sand 29; medium gravel 41. Water from 29
erve No.26,	Affairs A. Trudeau	D. Wright	Jun.30,1961	4						to 41. Coarse gravel 12; quicksand 54; fine silty sand 92; grey shale
erve No.26	V. Toulouse Ont. Dept.of Public Works	S.& O. Wright	Mar.12,1963 Sep.25,1963	4 5			10	Salty	N	100. Water at 54 and 87. Blue clay small atomes 17; blue shale 27. Water at 27. Clay sand 75. Dry hole.
rent	Shell Oil Co.	S.& O. Wright	Jul.26,1962	5						Previously drilled 99;dark rock 175. Dry hole.
lot 23	A. Nowland J. Wisemen	S.& O. Wright	Sep.29,1962 Jun.25,1963	5	6	60 65	53 54	Fresh	D,S D,S	Clay stones 17; grey limestone 112. Water at 60 and 103. Light topsoil 4; limestone 115. Water at 75.
	D.Stollsteimer W.T. Rounds		Aug.24,1963 Oct.11,1962 Aug.22,1963 Sep.24,1962 Oct.23,1961	4 5 4 4	5 6 1 4 2			Fresh	D D S D	Sand clay 50; grey limistone 54. Water at 52. Grevel sandy clay 29; fine send 43. Water from 30 to 43. Sand clay 48; sand gravel. Water at 45. Brown clay 5; grey hrown limestone 90. Water at 57 and 81. Gravel 20; blue clay pehbles 55; grey limestone 97. Water at
" 13	F. Rumley	,,	Nov. 9,1963	4	4	65	50	"	D,S	Brown clay stones 15; blue clay 31; grey limestone 100. Water
* 25	M. Trick	**	Dec.19,1963	4	2	110	44	*	D,S	at 50 and 80. Brown clay stones 10; blue clay stones 26; grey brown
* 22	L. Johnston	*	Jun.28,1962	4	5	35	30	*	D	limentone 120. Water at 92 and 108. Old well 12; grey clay 22; sandy clay 68; gravel 70. Water at 70.
lot 4 7 7 27	E.L. Passley J. Kyle L.L.Williamson	S.& O. Wright D. Wrizht	Jun.15,1960 Nov.30,1962 Oct.26,1962	4 4 5	6 2	35 40	20 28 16 <del>}</del>	Fresh	D,S D	Top clay stones 11; grey limestone 83. Water from 68 to 70. Brown clay gravel 9; grey limestone 30; brown limestone 40; grey limestone 50. Water at 50. Clay loose rock 4; hard grey limestone 51. Water at 45.
	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	J. Burnett B. Armstrong B. Hyatt J. Grigge 19 20 G. Collins  Prve No.26, Prve No.26, Prve No.26 Prv	## 3	## 3 ## Aug.20,1963  ## 3 ## Aug.27,1963  ## 35 ## Aug.27,1963  ## 36 ## Aug.27,1963  ## 30	## 3	## 3	## 3	## Aug.20,1963 4 8 67 10  ## Aug.27,1963 4 7 23 22  ## Aug.8,1963 4 2 33 10  ## Aug.8,1963 4 2 11  ## Aug.8,1963 4 2 33 10  ## Aug.8,1963 4 2 11  ## Aug.8,1963 4 2 33 10  ## Aug.8,1963 4 2 11  ## Aug.8,1963 4 2 33 10  ## Aug.8,1963 4 1 54 35  ## Aug.8,1963 4 1 54 35  ## Sep.16,1963 4 2 28 20  ## Sep.14,1960 4 12 20 8  ## Aug.21,1963 4 2 20 8  ## Aug.21,1963 4 2 10  ## Aug.21,1963 5 6 6 60  ## Aug.21,1963 4 1 76  ## Aug.22,1963 4 1 1 76	**************************************	" 3 " " Aug.20,1963 4 8 67 10 " N  " 3 " " Aug.27,1963 4 7 23 22 " D  " 14 J. Burnett " Sep.17,1960 4 ½ 33 10 " D  " 6 J. Grigg" " Aug. 8,1963 4 60 Salty D  " 6 J. Grigg" " Dec. 7,1964 4 ½ 35 55 121 Sulphur D  " 19 " Sep.16,1963 4 ½ 34 20 " D  " Sep.14,1960 4 ½ 32 20 " D  " Sep.14,1960 4 ½ 32 20 " D  " Sep.14,1960 4 ½ 32 30 " D  " Sep.14,1960 4 1½ 20 8 Fresh D  " Sep.14,1960 4 1½ 20 8 Fresh D  " Sep.14,1960 4 1½ 20 8 Fresh D  " Sep.21,1963 5 ½ 5 1 21 D  " Sep.14,1960 4 1½ 20 8 Fresh D  " Sep.21,1963 5 ½ 5 1 21 D  " Sep.14,1960 5 ½ 5 1 21 D  " Sep.14,1960 6 5 ½ 7 D  " D  " Sep.14,1960 7 D  " Sep.21,1963 5 ½ 7 D  " Sep.21,1963 5 5 D  " Sep.21,1963 5 5 D  " Sep.21,1963 5 5 D  " Sep.22,1963 5 D  " Sep.23,1964 5 D  " Sep.24,1965 5 D  " Sep.24,1965 5 D  " Sep.24,1965 D  " Sep.24,196

LOCAT	TION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MANITOULIN DI		- co	nt.									
Shegulandah Con I	Twp.	21	G. Holmes	D. Wright	Nov.15,1963	4	< <del>}</del>	25	20	Sulphur	D	Blue clay stones 8; grey limestone 40; shale limestone 48.
Con III Con III		21 21	W. Arnold	*	Sep.30,1963 Oct. 5,1963	4 4	< <del>1</del>	40	38 32	Salt <b>y</b> Fresh	N D	Water at 28. Grey clay 3;grey limestone 35;blue shale 70. Water at 35. Grey clay stones 5;grey limestone 30;blue shale 40. Water at
Con XIII Mill Site Mill Site		19 2 9	E.N. Wagley G. Cannard G. Halcrow	:	Jan.12,1962 Aug.19,1960 Aug.24,1960	4 4 4	₹ <u>1</u> 1 1	97 59 38	20 15 6	:	D	26. Brown clay 4; shaly limestone 30; blue shale 100. Water at 30. Loam gravel 3; brown clay 30; Silica 61. Water at 40. Gravel loam 2; shale clay 16; green rock 28; black rock 35; green
Mill Site		3	J. Ferguson	*	Sep. 2,1960	4	1 }	43	30	*	D	rock 38; black clay 40. Water at 15 and 28. Broken black shale loam 3; black shale 21; Silice 30; hord grey limestone 45. Water at 36.
Shegwaning I Rese	Indian erve # 2	0	Dept.of Indian	D. Wright	Sep. 2,1961	5	22	75	20	Salty	N	Sandy losm 2;grey clay 8;grey clay boulders 10;grey limestone 59;black shale grey limestone 65;grey limestone 75. Water at
Shegwaning I Rese	indian erve # 2	0		*	Nov.24,1961	5	10	18	15	Fresh	P	37and 75. Brown clay 4; brown limestone 15; grey limestone 40. Water at 30.
Tehkummah Tw Con A Con A	lot		V. Brvant W.Quackenbush	S.& O. Wright D. Wright	Aug.11,1962 Aug.22,1962	4 4	6 1	28 44	27 15	Fresh	D D	Light clay soil 4; grey rock 154. Water at 150. Brown clay boulders 15; orey clay gravel small stone 40; grey clay gravel streeks 50. Water at 44.
Con B Con I Con II		13 9 6	R. Leeson M. Hopkin Ont.Dept. of	S.& O. Wright F.E.Johnston	May 19,1962 Jun. 7,1960 Jan. 8,1960	4 4 5	6 5 10	60 12	20 20 8		D D P	Herdban 3;grey limestone 60. Water at 45. Soil 5;grey limestone 60. Water at 50. Brown cley send 9;blue clay 10;hrd grey limestone 38. Water
Con II Con II Con III	*	10	Highways Twp.SchoolArea R. Russel J.C. Hall	Drilling Co. Ltd S.& O. Wright	Jun. 3,1961 Oct. 4,1963 May 24,1960	6 5 4	8 5 6	45 65 83	40 65 65	:	P D D	at 32. Clay stones 35;grey limestone 112. Water at 100. Stones hardpan 26;grey limestone 100. Water at 95. Boulder soil 4;hardpan small stones 49;grey limestone 105.
Con III Con III Con III		11	V. Anstice I. Duckburry J. Hunter	D. Wright	Au <sup>7</sup> . 9,1961 Jun. 1,1960 Nov. 5,1960	4 4 4	12 6 6	79 22	30 57 22		D,S D D,S	Water at 95. Soil clay rocks 21; grey limestone 63. Water at 55. Clay boulders 42; hard limestone 93. Water at 85. Brown clay stone 16; soft brown clay 28; grey limestone 70.
Con IV		17	O. Hall		May 10,1962	4	5	20	18		D,S	Water at 46 and 53. Brown gravelly clay boulders 20; grey revelly clay boulders
Con VII		2	S. Blue		Jul.16,1960	4	6	38	30		D	34; grey limestone 58. Water at 50. Brown clay stones 10; blue clay stones 15; grey limestone 50.
Con VIII		30	W. Quackenbush	•	May 30,1963	4	1 }	55	13		D,S	Water at 42. Previously drilled 50; soft blue clay streeks send 57; brown
Con XII SBM TP SBM TP SBM TF SBM TP SBM TP SBM TP	•	10	H. Baxter Community Hall W. Smith G. Sibley C. Sisson B. Bennett K. Leeson	S. & O. Wright	Sep.21,1962 Oct. 3,1960 Oct.14,1941 May 12,1962 Nov.20,1963 Nov.26,1963 Nov.29,1963	† † † † †	6 5 5 6 3 5 5 5	120 16 40 25 18 24 21	24 15 8 51 12 17 6		P D D D	limestone 65. Water at 61. Grey limestone 140. Water from 35 to 60. Grey limestone 60. Water at 45. Fill 1½; White limestone 50. Water at 25 and 35. Loose rock 3; rrev limestone 55. Water at 48. Grey limestone 53. Water at 45. Clay fill 6; arey limestone 61. Water at 45. Grey limestone 57. Water at 48.
Whitefish Ri Reserve	lver Ind	lian	Dept.of Indian	D. Wright	May <sup>9</sup> , 1961	6	11	54	21		P	Red clay boulders 19; greenish limestone 36; hard Silica 61. Water at 36.

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			COUNT	Y											
	Adela NER NER NER NER	Con Con Con	I I I	11	17 18	F. Brent R. Peccems G. Walker T. Elliott	A.A. Heal R. Smith	Feb.21,1962 Feb,15,1961 Dec. 6,1961 Jul.24,1961	3 2 2 2 2	4 12 5 8	20	13½ 30 45 72	Fresh	D,S	Old well 17; sand 31. Water from 17 to 31. Brown clay 15; blue clay 50; sand 57. Water from 50 to 57. Brown clay 14; blue clay 55; grey sand 65. Water at 55. Brown clay 12; blue clay 90; fine sand 100. Water from 90 to 100.
	NER NER	Con Con	I II	*	24 5	S. Newell H. Beynen	Dolphin & Earl S. Earl	Mar. 2,1961 May 28,1962	2 4	3 15	75 20	65 1≹	Sulphur	D,S	Red clay 15; blue clay 75; sand 85. Water from 75 to 85. Clay 21; fine sand 34; hard sand 36; fine sand 61; clay 82; clay stanes 99; limestone 113. Water from 110 to 113.
	NER	Con	II		13	C.W.E. Wright	A.A. Heal	Aug.13,1962	5	6	36	18	Fresh	D,S	Topsoil yellow clay 12; blue clay 32; fine sand 47. Water from 32 to 47.
	NER	Con	III	11	8	R. Arrand		Apr.29,1963	4						Yellow topsoil 16; sandy clay 48; clay sand 83; gritty clay 91;
	NER	Con	III		3	"	H	May 1,1963	4	5	40	24	Fresh	D,S	grey shale 112. Dry hole. Yellow topsoil 16; sandy clay 27; sand 30; sindy clay 39; clay
	NER NER NER	Con	IV	*	1 7 2	C. Devet B. Murray B. Baxter	R. Smith A.A. Heal	Jun. 6,1963 Mar.17,1962 May 24,1962	5 4 4	10 4 1	90 41 90	70 40 65	:	D,S D N	72; sandy clay 79; soft limestane 80. Weter at 78. Blue clay 94; medium sand 97. Water at 94. Topsoil yellow clay 14; blue clay 45; arrivel 50. Water at 45. Topsoil sandy clay 26; blue clay 65; sandy clay 26; arey shele 115. Water at 90.
	NER NER NER	Con	J	**		R. Garaide B. Tackaberry	Dolphin & Zerl A.A. Heel	May 25,1962 Oct. 8,1963 Mar. 2,1960	4 4 4	8	75 77	40 36	Fresh	D D	Tonsoil sand 26; clay. Dry hole.  Grey clay 123; hardnen 126; brown rock 131. Water at 131.  Tonsoil yellow clay 13; blue clay 75; sandy clay 82; sand 88.  Water from 82 to 88.
	SER SER			e1	2 5	C. Reid R. Brock	R. Smith A.A. Heal	Oct.10,1962 Apr.14,1960	5 4	10 6	40 20	35 15	**	D,S	Brown clay 18; blue clay 60; sand 66. Water at 62. Old well 45; blue clay 125; gravel 130; soft limestone 132. Water at 125, and 130.
249	SER	Con	I	w	6	J. Houben	S. Earl	Jul.25,1963	4	10	20	18	Sulphur	D	Clay 32; sand stones 36; clay 83; hardpan 129; grey shale 164.
	SER SER SER SER SER SER	Con Con Con	I I I		9 10 11 11 15	C. Galsworthy F. Brent E. Brooks D. Simon * S. Handleman	A.A. Heel  R. Smith A.A. Heal	May 25,1963 Sep.18,1963 Jul.26,1963 May 27,1961 Jul.27,1963 Feb. 9,1961	3 4 2 4	3 4 3 2 4 5	44 48 29 28 <del>2</del> 55	33 35 22 28 25 34	Fresh	D,S S D C D	Old well 30; send 60; sandy clay 64. Water from 51 to 57. Old well 40; send 54. Water from 50 to 54. Yellow tonsoil 15; blue clay 24; send 35. Water from 28 to 35. Brown clay 16; blue clay 44; fine sand 50. Water from 44 to 50. Yellow tonsoil 15; blue clay 23; send 36. Water from 30 to 36. Tonsoil yellow clay 15; blue clay 56; sand 73. Water from 56 to
	SER SER			**	20 21	A. Clarke C. Wardell	Dolphin & Earl R. Smith	May 23,1963 Oct.10,1960	4 2	5 12	79	28 68	#	P D,S	73. Yellow clay 15; blue clay 85; sand 103. Water from 98 to 103. Brown clay 18; blue clay 60; sand 72; black fine sand 85. Water at 72.
	SER SER			**	22 30	W. O'Brien L. Weirs	Dolphin & Earl R. Smith	Nov.20,1961 Aug.12,1960	4 2	3 5	71	35 26	H H	P D	Yellow clay 18; blue clay 96; sand 101. Water at 98 and 101. Brown clay 16; blue clay 31; fine brown sand 36; coarse sand 49. Water at 36.
	SER				31 3	A.E. Daniels R. Chambers & Son	Dolphin & Earl	Aug. 9,1962 Oct.18,1961	2 4	9 2½	60	38 Flows	"	P D,S	Brown clay 22; blue clay 55; sand 64. Water at 55. Yellow clay 20; blue clay 83; sand clay 85; hardpan 100; sand fine gravel 105; rock 107. Water from 103 to 105 and at 107.
	SER SER SER SER	Con	II II	**	16 20 21 22	B. Dortmans J. Stokman B. Wardell R. Thorne	R. Smith  Dolphin & Earl	Sep.8, 1963 Apr. 1,1961 Aug. 5,1963 Jun. 7,1960	5 2 2 2	15 12 9 3	70 40	60 28 30 39		D,S D D	Brown clay 19; blue clay 88; sand 100. We'ter at 88. Old well 18; blue clay 34; medium sand 70. Wa'ter from 34 to 70. Brown clay 20; blue clay 48; sand 60. Water at 48. Red clay 10; blue clay 35; sandy hardoon 40; sand 45. Water from
	SER	Con	II	*	22	*	R. Smith	Jun.29,1960	2	10		38	*	P	40 to 45.  Brown clay 18; blue clay 40; brown sand 45; black sand 58. Water
	SER SER				22 22	D. Penrose W. Murray	Dolphin & Earl	Nov.25,1960 Aug.30,1961	2 4	6	78	38 25		D P,S	from 45 to 58. Clay 44; black sand 56: Water at 44. Yellow clay 18; blue clay 68; yellow hard sand 72; sand 82. Water from 78 to 82.
	SER	Con	II	*	23	J. Butler	R. Smith	Jul. 1,1960	2	10		28		ם	Water from 78 to 82. Hard clay 10; sand 26; sand 38. Water at 28.
				_	-	O Production				3	- 0		-1		of walls may be found at the and of Annandix C

LOCATION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	2210	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SER Con II	cont. lot 23	M. McDonald F. Slater B. Nethercott G. Downham	R. Smith " W.E, Locker	Dec. 4,1961 Aug. 4,1962 Oct. 1,1960 Apr. 9,1962	4 4 2 5	6 8 9 8	45 60 90	27 35 26 22	Fresh " Sulphur	D,S	Brown clay 26; brown sand 38; grey sand 53. Water at 38. Brown clay 15; blue clay 30; sand 70. Water at 70. Clay loam 9; sandy clay 35; fine black sand 48. Water at 35. Very fine grey sand 85; grey clay 88; grey sand clay streaks 114; pink clay 140; grey clay coarse gravel 143; muddy fine sand coarse gravel 150; dark brown limestone blue clay 208; muddy sand gravel 214; brown with sand gravel 214; brown sand sand sand sand sand sand sand san
SER Con III	• 6	J. Earley	Dolphin & Earl	Aug. 8,1961	4	4	70	40	Fresh	D,S	limestane 220. Water at 219. Yellow clay 20; blue clay 50; hardaan clay 151; hard grey rock
	" 10 " 14	P. Verkely A. Groote	R. Smith Dolphin & Earl	Jul.30,1961 Nov.30,1962	2 4	3	80	48 54		D,S D,S	153. Water at 153. Brown clay 60; fine and 70. Water from 60 to 70 Yellow clay 16; blue clay 60; grey sand 70; sand 84%. Water from 60 to 70
SER Con III	<b>"</b> 18	C. Ward	R. Smith	Oct.31,1963	5	10	65	50		D,S	70 to 842. Brown clay 20; blue clay 60; fine sand 75; coarse sand 80. Water
SER Con III SER Con III	" 19 " 22	R. Kingman M. Strybosch	**	Nov. 6, 961 Oct. 3,1961	2	8		16 40	ï	D,S	from 75 to 90. Brown clay 16; yellow clay sand 40; coarse sand 60. Water at 4 Brown clay 24; blue clay 35; sand 50; grey sand 58. Water from
SER Con IV	• 6	F. Galbraith	Dolphin & Earl	Jul.27,1961	4	4	40	35	*	D,S	50 to 58. Yellow clay 16; sand 22; blue clay 120; hardpan 130; gravel.
SER Con IV SER Con IV SER Con V	* 6 * 9 * 15 * 6	G. Galbreith I. Fonger L. Parker B. Maher G. Foster	A.A. Heal R. Smith Dolphin & Earl S. Earl	Nov.15,1963 Jul.21,1961 Oct.27,1962 Oct. 7,1963 Jun. 6,1962	4 3 5 4 4	3 2 10 5	70 30 55 60 40	33 18 36 46 30	Sulphur Fresh	D D,S D,S	Water from 128 to 130.  Red clay 10; send 28; blue clay 123; gravel 124. Water at 123.  Topsoil yellow clay 18; fine send 31. Water from 18 to 31.  Brown clay 22; blue clay 50; send 76. Water at 58.  Blue clay 124; hardoan 131; grey rock 147. Water at 147.  Clay 4; sand 22; clay 92; hardoan 114; stones 117; black shale 12
	" 7 " 9	C. Cadman	A.A. Heel	Sep.14,1963	4	4	57	45		ם	rrey shale 164. Water at 164. Yellow tonsoil 14; sandy clay 30; blue clay 127; soft grey limestone 130. Water at 128.
	• 9	M. Morgan		Jan.10,1963 Jan.15,1963	3	1		20	Fresh	D	Topsoil sandy clay 12; sand 24; muddy sand 55; clay 135; soft rock 136; grey shale 187. Dry hole.  Topsoil sandy clay 11; sand 32; muddy sand 41½. Water from 26 to 30.
	" 10 " 10	C. Patterson	*	Jul.30,1962 Aug. 8,1962	3	1 ½ 1	38 30	18 18		D D	Old well 14; sand 39. Water from 33 to 35. Old well 9; blue clay 25; sand 31; clay sand streaks 39. Water
SER Con V	* 11	L. Nugteren	W. Dale	Apr,18,1961	2	4		15	•	D,S	from 25 to 37. Old well 18; sand 29. Water from 18 to 29.
ilse Craig Vill	Lage	Bell Telephone	J.B.Johnston	Sep.10,1960	5	5	39	31	Sulphur	P	Topsoil 1; red clay 9; sandy silt 10; blue clay 62; dark shale 9 Water from 87 to 90.
ilsº Craig Vill	lage	A. McKay	*	Sep.15,1960	4	2 1/2	80	33	•	Ð	Topsoil 1; red clay 10; send silt 13; blue clay 89; dark shale 192. Water from 90 to 92.
ilsa Craig Vill	Lege	W.M. Wodsworth	Hedco WellDigging	Dec. 7,1960	30		63	52	Fresh	D	Topsoil 1; brown clay 6; blue grey clay 62; gravel boulders 64. Water at 52 and 62.
ilsa Craig Vill ilsa Craig Vill		M. Dearing C. Zavitz	W. Dele	Aug. 8,1961 Jun.20,1963	5	6 7∌	86 51	85 27	Sulphur Fresh	D D	Previously drilled 862;dark limestone 96. Water at 95. Subsoil 2;gravel 7;grey clay 22;blue clay 65;stones clay 81;
ils? Craig Vill	lace	C. Scarrow	W.D.Hopper &Sons	Jul.26,1963	4	4	120	110	Sulphu	D	soft grey shale R8; grey limestone 89. Water from 88 to 99. Dirty gravel 4; yellow clay 10; blue clay 90; hardnen 104; loose rock 144. Water from 142 to 144.

	Con I Con I	lot		C. Bollings A. Hodgins	Hadco WellDigging W.D. Hopper \$Sons		36	9	125	120	Sulphur	D	Topsoil 2; brown cley 20; blue cley 20; brown send 60. Dry hole. Topsoil 2; yellow cley 12; blue cley 25; brown 135; cemented gravel 142; loose limestone 145; array limestone 167. Water
	Con I	*	25	D. Kestle	*	May 21,1961	4	9	305	302	Fresh	D	From 160 to 167. Fill 3; yellow clay 10; have clay 35; stony clay 50; conrese gravel 60; sondy clay 103; grey shale 153; grey limestone 200; yellow limestone 275; brown limestone 280; yellow limestone 300; hrown
	Con I Con I	:		B. Latta A. MacIntosh	R. Hudson E.B. Hussey	Nov.17,1962 May 9, 1963	36 4	5 5	25 60	22 14	*	D,S D,S	limetone 335. Water from 305 to 335. Brown clay 12; blue clay 20; sand 26. Water at 23. Clay stones 17; gravel harban 62; clay gravel 74; hardan gravel 98; quicksand 112; coarse sand gravel 120. Water from 110 to
	Con II		4	A. McPalls	HadcoWell Digging	Oct.18,1961	271	3	38	28	*	S	120. Toosoil 1;brown clay 9;blue grey clay 28;boulders gravel 29;
	Con II		5	G. McFells	•	Oct.17,1961	30	5	48	23	*	S	brown sand 35; grey clay 40. Water at 29. Topsoil 1; brown clay 11; blue clay 17; brown sand 19; blue clay
	Con IV	*	12 26	A. Blane Public School Area No. 1	R. Hudson W.D. Hopper 4Sons	Nov.27,1963 Feb. 1,1963	36 5	4 20	10 325	7 315	:	D,S P	23; brown send 40; grey sandy clay 48; boulders 49. Water at 23. Topsoil 6; gravel 9; blue clay. Water at 7. Topsoil sandy clay 4; blue clay 40; herdoen 197; loose rock 200; brown limestone 230; yellow limestone 315; brown limestone 385. Water from 350 to 385.
	Con V Con VI	*	16 37	K.A. Thompson Ont, Dept. of Highways	R. Hudson R. Smith	Nov.27.1963 Sep.2, 1963	5	8	252	252	Fresh	P	Brown clay 5; coarse gravel 12; blue clay stones 20. Dry hale. Hard clay stones %0; hard clay stones gravel 200; brown limestone 378; white limestone 385. Water at 380.
251	Con VII			J. Boland P.VanBasil & Sons Ltd	R. Hudson W.D.Hopper & Sons	Jul.22,1963 Nov. 5,1963	36 4	8	284	280		D,S	Brown clay 12; blue clay 40. Dry hole. Yellow clay 14;gravel 23; blue clay stones 127; hardoon 188; grey rock 255; brown limestone 320. Water at 320.
	Con IX		30		HadcoWell Digging	Nov.30,1960	27	25	20	12	. *	D,S	Topsoil 1; brown c'ew boulders 13; gravel 14; grey clay 20; gravel sand 21. Water at 13 and 20.
	Con XI	*	19	J. Gollings		Oct.24,1961	30	6	33	20		D,S	Topsoil 1; brown clay 9; blue clay 13; brown sand 15; blue clay
	Con XII Con XII	*	21 24	C.H. Jones Can.Order of Foresters	R. Hudson R. Smith	Aug. 1,1962 Nov.22,1960	36 5	<1 7	23 290	10 297	•	D P	20;grevel 21;blue end 27;blue clay 34. Water at 21 and 24. Brown clay 12;gravel 13;blue clay 24. Water at 12. Bard clay stone 46;sand 52;hrod clay sand 100;stony hardpan 138;grey limestone 159;hrown limestone 305. Water from 300 to 305.
	Con XIII LPL			L. Knight G. Gignac	R. Hudson HadcoWell Digging	Nov.1, 1961 Oct. 4,1960	36 30	5 4	16 34	12 33		D	Stony blue clay 12; stones sandy clay 12. Water at 12. Topsnil 2; brown clay 9; grey clay 36; gravel boulders 40. Water at 36.
	NB		11	J. Whelihan		Dec.17,1963	271	1	25	19		D,S	Topsoil 2; brown clay 10; blue clay 20; fine gravel sand 26;
	SB	=	1	Lord Elgin	W. Dale	Mar.16,1961	4	4	253	224		£	rocks. Water at 20. Previously drilled 222; sand silt 227; grey limestone 246;
	SB		11	Resturant C.R.C.S.S. T.K.McNamee Treas.	W.D.Hopper & Sons	Apr.27,1962	4	10	300	290	•	P	black grey limestone 260. Water from 246 to 260. Clay 42; sandy clay 63; clay stones 140; hardpan 264; brown rock 336. Water at 336.
	SB	, st	12	W.E. Cook	HadcoWell Digging	Dec. 1,1960	271	6	28	18	*	s	Topsoil 1; brown clay 14; grey clay boulders 18; gravel 19; grey
	SB	٠	13	V. Westman	•	Dec. 2,1960	271	10	29	12		S	clay boulders 29; Water at 18. Topsoil 2; brown clay stones 12; gravel 12%; blue clay 30. Water at 12.
	Caradoc Twp. Con I Con I Con I	lot	21	H. Heynen S. Gratton J. Bersenas	J.H. Weaver & Son R. Hudson H. Siegrist	Dec.31,1960 Aug.22,1963 Feb.1, 1961	1 36 5	8		16	Presh	Įŕ	Old well 20;brown quicksand 32. Water at 16. Sand 8;blue clay 10;blue clay 20. Dry hole. Sand 15;blue clay 45;sand 50;blue clay 65;fine sand 69;blue

MIDDLESEX COUNTY - cont. Biddulph Twp.

<sup>21</sup> S. Gratton R. Hudson Aug. 22, 1963 36 Sand 8; blue clay 10; blue clay 20. Dry hole.

22 J. Bersenas R. Siegrist Feb. 1, 1961 5 Sand 15; blue clay 45; send 50; blue clay 65; fine sand 69; blue clay 152; gravel hardpan 160; blue clay 1°0; thard proked gravel 215; blue clay 2°0; prey make 306; Dry hole.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
IDDLESEX COUNT	- con	t.								_	_	
Con I		22 4	J. Bersenas R. Lambert	M. Babiuk J.H.Weaver & Son	May 3, 1961 Sep.14,1963	30 1	3 8		34 12	Fresh	Ir D.S	Brown topsoil 20; brown sand 40; grey sand 50; grey clay 52. Water at 34.
Con II			H. McCracken	J.M. Weaver & Son	Dec. 4,1963	1	8		12		s	Old well 15; blue quicks and 18; blue clay 19; blue quicks and 3 Water at 12. Old well 16; blue quicks and 30. Water at 12.
Con II		5			Jun.24,1963	1	5		12	-	D	Old well 12; brown guicksand 26. Weter at 12.
Con II	•		H. Berko		Oct. 5,1963	1			10	-		Old well 10; brown send 13; blue clay 15; blue ouicksend 20. Water at 10.
Con II Con II		9	G. Crandall M. Carruthers		Sep.19,1963 Sep.25,1963	1	5 8		17		S.In	Old well 18; blue clay 25; blue objects and 33. Water at 17. Old well 20; blue objects and 35. Water at 15.
Con II Con II		18 18		*	Aug. 25, 1962 Oct. 1, 1962	1	6 20		9		D P	Topsoil 1; yellow sand 5; white sand 16. Water at 9. Topsoil 1; yellow sand 5; white sand 10; brown sand 20. Water
		18	Area J.D. Henderson			1	200.00		8		, n	10.
Con II Con II	H	21	R. Van Hecke		Nov. 5,1963	1	5 8		10		D,Ir	Topsoil 1; yellow sand 8; brown send 16. Water at 8. Old well 12; grey ouicksand 21. Water at 10.
Con III		21	A. Van Hecke E. Pierce		Nov. 8,1963 Oct.21,1963	1	8		11 20	#		Old well 12; brown quicks and 18. Water at 11. Old well 22; brown sand 32; grey sand 37. Water at 20.
Con III		9	B. Sutherland		Jan. 5,1961	1	5 8		50			Old Well 23; brown quicksand 30; coarse grey quicksand 48.
Con III			A. Trott	*	Sep.18,1963	1	8		17	*	S,Ir	Old well 20; blue puicksand 35. Water at 17.
Con III			S. Clark L. Hutton	ë	Sep.27,1963 Oct.23,1963	1	5		18		D,S	Old well 20; blue clay 28; blue nuicksand 35. Water at 18, Old well 22; grey nuicksand 37. Water at 21.
Con III		11	R.G. Lowthian	*	Nov. 5,1962	1	8		19			Topsoil 1; yellow clay 6; brown clay 15; blue clay 19; blue sar 30. Water at 19.
Con III		12	Dr.H.Gough V.S		Oct. 4,1962	1	8		17		ם	Topsoil 1; brown clay 10; blue clay 15; brown sand 17; blue quicksand 26; blue sand 29. Water at 17.
Con III		12		*	May 9, 1963	1	8		15		D,S	Old well 20: brown quicksand 30: blue quicksand 35. Water at
Con III		13	M. Carruthers		Dec.17,1961	1	8		4	Ħ	D	Old well 4; brown sand 12; grey nulcksand 18; hardnen 19; white sand 29. Water at 4.
Con III	*	1	W. Wilcox		Nov.12,1963	1	8		20 40	*	D,S	Old well 20; brown sand 28. Water at 20.
Con III Con IV			J. Szeremek D. Dow	W. Marsh	Nov.15,1963 Oct.26,1962	2	13	60	10	÷.		Old well 25; blue clay 40; brown fine gravel 50. Water at 40, Top clay 12; quicksand 70; hardpan 183; sand gravel 192. Water
Con IV	*	3	H. Wardenier	W. Dale	Oct.27,1961	4	5	33	18		D	from 183 to 192. Old well 18; grey sand 41. Water from 34 to 41.
Con IV			L.		1.8.0	4		29	18			
Con IV	H	56	Vandendaussche O. Welke	J.H. Weaver & Son	Oct.23,1961 Sep.22,1961	1	5 8	29	12			Old well 18; yellow sand 33. Water from 30 to 33.
Con IV		6	J.Zybura		Mar.21,1960	2	8		22	*	D,Ir	Old well 5; yellow sand 22; yellow quicksand 38; brown sand 44 Water at 22.
Con IV	**	7	E. Howe		Dec. 9,1961	1	8		12		D,S	Old well 15; brown sand 20; brown hardpan 21; blue sand 34. Water at 12.
Con IV	н		R. Oliver		Oct.15,1963	1	5		18		D,S	Old well 20:blue nuicksand 35. Water at 18.
Con IV		9	W. Thomas O.Sutherland	i i	Oct.28,1963 Jan.12,1961	1	8		8		D,S	Old well 15; blue quicksand 27. Water at 8. Old well 14; brown quicksand 20; blue clay 21; blue quicksand
			M. Duch				4			н		Water at 10 and 21.
Con IV			W. Plaine		Dec.20,1963 Oct.25,1963	1	8		18	**	D.S	Old well 18; blue putty sand 33; blue puicksand 40. Water at Old well 22; blue quicksand 35. Water at 20.
Con IV	•		T. Blaszazyk	•	Apr.21,1960	1	8		6		D,Ir	Topsoil 1; yellow sand 6; brown sand 9; blue clay 19; grey ouicksand 25; blue clay 26; grey ouicksand 35; blue clay 35.
Con IV		13	L. Csiszar		Mar. 9,1960	1	8		20		D. Tr	Water at 6, 18, and 26. Topsoil 1; yellow sand 8; blue clay 20; brown guicksand 21; blue
		~,	_, ~~~~	11	7,1700				20		2,11	clay 25; blue quicksand 36. Water at 20 and 25.

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мт	DDLESEX COUN	TY.	· con	t.										
	aradoc Twp.	- 0	ont.	1			i i	1				1	1	
	Con IV	10	13	н.	Butcher	J.H. Wesver &Son	Nov.20,1963	2	8		11	Fresh		Old well 15; blue clay 27; blue autoksand 35. Water at 11 and 27.
	Con IV		15	J.	Varga	•	Apr. 4,1961	1	8		17	**		Topsoil 1; yellow sand 4; brown clay 9; white asnd 17; brown quicksand 24; blue clay 25; blue quicksand 32. Water at 17.
	Con V		3	н.	White		Sep.24,1962	1	5		12		D,Ir	Topsoil 1; yellow sand 9; white sand 12; brown sand 18; blue sand
	Con V		4	W	Stephenson		May 18,1962	1	8	1	16		7 T-	28. Water at 12. Old well 12;sand 16;brown quicksand 28. Water at 16.
	Con V				Derbyshire	<b>.</b>	Nov. 9,1963	1			14		S	Old well 16; brown sand 26. Water at 14.
	Con V	H			Hardy		Dec.14,1961	i	8		16		D,S	Old well 18; brown sand 23; herdpan 24; blue quicksand 34. Water
					100				8		18			at 16. Old well 20; blue butty sand 28; blue clay 29; blue nuicksand 40.
	Con V		13	٦.	Gas		Dec.24,1963	1	-					Water at 18.
	Con V	**	18	s.	Kovac	•	May 11,1961	1	8		10		D,Ir	Topsoil 1; yellow sand 10; brown quicksand 16; brown clay 17; blue quicksand 31. Water at 10 and 17.
	Con V	**	23	G.	Bolton	R. Smith	Jun. 6,1960	2	3		44		D	Brown clay 15; blue clay 35; fine sand 64. Water from 57 to 64.
	Con VI	**			Moore	R. Hudson	Oct.23,1963	36	-		15			Sand 15; ouicksand 20; blue clay 23. Water at 15.
	Con VI	**				J.H. Weaver & Son	Sep.21,1962	1	5 8		20	•		Old well 20; brown sand 31; blue sand 40. Water at 20.
	Con VI	•	6	J.	Rombout	•	Jul.31,1963	1	8		19	•	D,Ir	Topsoil 1; yellow sand 6; brown clay 16; white sand 19; brown sand 29. Water at 19.
	Con VII	×	5	C.	Maer	S. Earl	Aug. 2,1960	4						Red sand 11; blue clay 20; fine grey sand 22; blue clay 212;
	Con VII	*	11	A.	Lamont&Son	J.H. Weaver&Son	Jan.19,1963	1	8		12	*	D,S	grey shale 216. Dry hole. Pit 6;sand 12;butty sand 20;blue clay 28;brown quicksand 40.
	Con VII		24	D	McLean	R. Hudson	Jun. 2,1962	36	4	19	18		D	Water at 12 and 28. Brown clay 4; blue clay 18; sandy clay 20; hard clay 22;
2				1										quicksand 26. Water at 18.
3	Con VIII		3	٥.	Mathys	Dolphin & Earl	Dec.12,1960	4	10	30	7		D,Ir	Red sand 57; blue clay 170; hardban 184; gravel 185. Water at 185.
	Con VIII		9		Ur	J.H. Weaver &Son	Mar.19,1962	1	8		17		D,Ir	Topsoil 1; yellow sand 17; brown sand 27. Water at 17.
	Con VIII	**	11	M.	Kohlruss	•	Aug.22,1961	1	8		11		ם	Topsoil 1; yellow sand 5; white sand 11; brown quicksand 28.
	Con VIII		11	A.	Vanderjeugd	•	Jul.24,1963	1	8		14		ם	Water at 11. Topsoil 1; yellow sand 6; white sand 14; brown quicksand 26.
	Con VIII				Brandies		May 23,1961	1	8		15		D. Tr	Water at 14. Topsoil 1:vellow sand 5:white sand 15:brown sand 35. Water
						_								at 15.
	©n VIII		23	0.	Skinner	Dolphin & Earl	Nov. 8,1961	4	12	29	15			Clay sand 6; yellow clay 17; sand 32. Water from 20 to 32.
	Con VIII	75	23		-	J.H. Weaver & Son	Jan. 8,1963	1	5		19		S	Pit 5; brown clay 15; white sand 19; brown quicksand 30. Water at 19.
	Con IX		1	M.	Rowe	R. Hudson	Aug.13,1962	36	1	17	91		D	Brown sand 8; grey clay 12; quicksand 16; blue clay 18; quicksand 20. Water at 8.
	Con IX		1	E.	Denning	Dolphin & Earl	Jun.22,1963	14	20	20	71		ם	Yellow clay 3; sand 44; blue clay 124; gravel 127. Water at 30
	Con IX		1	J.	Brady	S. Earl	Sep.26,1963	4	10	32	11		ם	and from 124 to 127.  Red sand 11:clay fine sand 34:clay 130;hordpan 155;grey shale
	Con IX		2		*	J.H. Weaver &Son	Sep.29,1962	2	6		25		n s	164. Water at 130 and 155. Topsoil 1; yellow sand 13; brown sand 15; blue clay 25; blue
						The second base contractor								quicksand 30. Water at 13 and 25.
	Con IX		3	J.	Payne	S. Earl	Oct.12,1963	4	11	130	9	•	D	Sand 12; clay sand 36; clay 161; hardban 210; grey shale 212. Water from 161 to 163.
	Con IX			1			Oct. 7,1963	4	1	150		**	ם	Sand 12; clay sand 35; clay 164; hardoan 224. Water at 164.
	Con X		2	J.	Schred1	W. Dale	Apr.12,1961	5	1	198			D,S	Yellow sand 9; outcksand 28; clay 190; shale 210. Water from 200 to210.
	Con X	*	,		DeTroyer	J.H. Weaver &Son	Apr.12,1963	1	8		12	*		Old well 18; brown sand 32. Water at 12.
	Con X		+ 7		Phillip	Dolphin & Earl	Jun. 8,1962	4	11	57 44	30		D	Clay 3; sand 52. Water from 49 to 51.
	Con X		~ ~		Lewis	R. Smith	Jul.29,1963	4	12		38 8			Brown clay 24; blue clay 50, sand 65. Water at 50.
	LRN Range I		2	н.	Carruthers	HadcoWell Digging	mar.13,1962	30	8	28	R	-	D,S	Topsoil 1; brown clay 17; blue clay 103; blue silty sand 104. Water at 103.
				1										mader at 107.

16 3	LOCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Carado	EX COUNTY Twp enge I enge I	cont	21	T. Anderson London P.U.C.	R. Hudson International Water Supply Ltd.	Jun. 7,1962 Mar.22,1962	36 5	1	14	8	Fresh	D T 18-62	Topsoil 2; send 6; quicksend 10; blue clay 16. Water at 8. Topsoil 5; brown sand fine gravel 15; boarse gravel coarse sand 20; grey clay stit 23; grey clay fine gravel 45; grey clay coarse gravel silt67; dark grey limestone 73; grey clay fine gravel
LRN Re	nge I		24	•		Mar.27,1962	5					T 20-62	silt 88; fine gravel silt packed hard 109; fine gravel silt clay 121; dark grey soft shale 134. Tobsoil 4; brown sand fine gravel 9; coarse gravel coarse send 13; grey clay fine gravel silt 84; coarse gravel coarse sand silt 112; grey clay fine gravel 131; dark grey clay shale 136.
LRS Re			10 13	E. Batemen J. Pekete	S. Earl W. Wale	Mar.30,1961 Sep.17,1963	4	1	58	Flows	Fresh	D	Clay 160; hardpan 193; gravel 203. Water from 193 to 203. Old well 12; sand 24; oulcksand 29; blue clay 39; sandy clay 48; sand 55; blue clay 61. Water from 49 to 53.
LRS Re	inge II	*	20	R.W.Richardson	J.B.Johnston	Nov.10,1963	41/2						Topsoil 2; red clay 14; blue clay 94; hardnen 118; grey shale 130; brown grey shale 190. Dry hole.
Delawar BF		lot	В	Thornton Fro- perty. London	International Water Supply Ltd.	Oct. 2,1961	5					т 41-61	Topsoil 2;hard packed gravel clay 20;grey clay fine gravel 60; coarse gravel coarse gravel coarse gravel 89;soft grey
BF		*	В	P.U.C.	•	Oct. 4,1961	5					T 42-61	shale 96.  Topsoil 3; coarse arevel boulders 5; hard cemented gravel boulders 23; soft grey clay fine gravel 65; hard cemented gravel
BF		•	ם	J. Madill	J.B.Johnston	Jul.12,1962	4	4	168	116	Fresh	מ	87; soft grey shale 94. Topsoil 2; red clay 13; red sand 86; blue clay 114; sand silt 182; gravel 186. Water from 182 to 186.
Con D			-	London P.U.C.	International Water Supply Ltd.	Dec.15,1961 Dec.20,1961	5					T 48-61	Topsoil 3; brown sand fine gravel 19; hard cemented fine gravel 21; grey clay silt 76; dark grey shale limestone 80. Topsoil 2; coarse sand carse gravel 14; gravelly silt coarse
Con D					-	Jan.19,1962	5					T	gravel 62; cemented gravel 71; hard grey clay 84; grey shale 86. Topsoil 1; coarse gravel coarse sand 12; grey clay coarse gravel
Con D		•	1	•	*	Jan.26,1962	5					T	73; grey clay fine gravel silt 96; dark grey clay shale 98. Topsoil 2; brown clay 12; coarse gravel boulders clay 20; grey clay fine gravel 49; hard cemented fine gravel 51; hard
Con D			2	V. Kaay	J.B.Johnston	Dec.29,1960	4	5	71	1 ½	Fresh	מ	grey clay fine gravel 102; derk grey shale 105. Tossoil 1; coerse gravel 12; blue clay 70; gravel sand silt 72; grey shale 80. Water from 73 to 78.
Con D		•	2	London P.U.C.	International Water Supply Ltd.	Feb. 2,1962	5					т 3-62	Topsoil 2; brown sand 8; coarse gravel coarse sand 20; grey clay fine gravel 62; hard fine gravel 64; hard grey clay fine gravel 96.
Con D		*	2		•	Feb. 6,1962	5					T 4-62	Coarse gravel coarse brown sand 9; grey clay fine gravel f6; grey clay fine gravel silt 109; dark gray clay shale 111.
Con D		*	2	•	•	Feb.14,1962	5					T	Topsoil 2; fine brown send 4; coarse gravel coarse brown sand 12; grey clay fine gravel '9; grey clay coarse gravel 104; grey clay fine gravel 109; coarse gravel clay 117; dark grey
Con D		*	2	E.H. Haggis	H. Siegrist	Mar.25,1963	5	4	122	112	Fresh	P	clay shale 132. Topsoil 2; clay 65; erevel 66; clay 78; hardban 130; rock. Water at 130.
Con D			3	London P.U.C.	International Water Supply Ltd.	Feb. 9,1962	5					T 5-62	Topsoil 2; grev clay fine gravel 91; fine grey sand fine gravel silt 98; grey clay fine gravel silt 112; dark grey clay shale
Con D		•	3	•	-	Feb.14,1962	5		b:			T 17-62	117. Tobsoil 4; brown sandy clay fine gravel 18; grey clay fine gravel silt 72; grey clay coarse gravel cemented hard 75; fine gravel silt packed 130; dark grey clay shale 136.

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		Twp			Į.			1	1	1 1			
	Con D		ot 3		International Water Supply Ltd.	Feb.16,1962	5					T 8-62	Topsoil 2; coarse brown sand coarse gravel 9; gray clay fine gravel sitt 88; hard cemented fine gravel 90; coarse gravel
	Con D		• 3	•		Feb.22,1962	5					т 9-62	cley 108; dark grey shale 116. Topsoil 3; fine brown sand fine gravel 9; coarse gravel coarse sand 12; rrey clay fine gravel 73; coarse gravel coarse sand
	Con D		· 4	SeparateSchoo	l J.B. Johnston	Mey 15,1961	5	10	4	Plows	Sulphur	P	75;grey clay coarse sand coarse gravel 104;dark grey clay 106;dark grey shale 110. Topsol 1;sand gravel 9;stony blue clay 98;sand muddy gravel
													102; hardpan gravel 106; fine gravel 107; grey shale 108. Water at 106.
	Con D		* 4	London P.U.C.		Feb.26,1962	5					T	Topsoil 5; brown sand brown clay 15; coarse gravel coarse sand
	Con D		<b>n</b> 4	*	Water Supply Ltd.	Mar. 1,1962	5					T	16;grey cley fine gravel 110;dark grey cley shale 132. Topsoil 3;brown cley coarse gravel 14;coarse gravel coarse sand 18; rrey cley fine gravel 86;coarse gravel coarse grey
	Con D		. 4			Mar. 7,1962	5					T	sand 89; fine gravel silt clay 120; dark grey clay shale 132. Topsoil 4; brown clay coarse gravel 20; coarse gravel 25; grey
												14-62	clay fine gravel 45; fine gravel fine grey sand silt 67; grey clay fine gravel 75; coarse gravel grey sand silt 86; grey clay silt 121; dark grey clay shale 135; dark grey limestone
	Con D		. 4			Mar. 9,1962	5					т 16-62	138. Topsoil 4; brown clay 15; fine gravel cemented hard 21; grey clay coarse gravel 26; grey clay fine gravel 86; grey clay fine
255													gravel silt 91;hard grey fine silt 105; coarse gravel silt 110;hard fine gravel silt 114; dark grey clay shale 134; dark grey limestone 136.
(A	Con D		* 4 * 5	B. Meyers T. Vandenboom	R. Húdson H. Siegrist	Dec, 29, 1962 Nov. 25, 1961	36 53	20	12	3 28	Fresh Sulphur	D N	Topsoil 2; sand 6; blue clay 16. Water at 3. Sand 14; blue clay 135; shale harden 175; grey rock 185. Water
	Con D		* 5			Dec. 1,1961	51	5	60	30	Fresh	D	at 180. Sand 15; blue clay 110; sandy small stones 111. Water from 110
	Con D		<b>"</b> 5	Ont.Dept. of	R. Hudson	Feb.17,1962	30	20	8	8		P	to 111. Topsoil 1;gravel 9;blue clay 20. Water at 8.
	Con D		• 6	Public Works J. Roes		Oct. 2,1963	36	1		10		D	Sandy clay 6; blue clay 10; sand 12; blue clay 20; sandy blue
	Con I		* 0		International	Sep.11,1961	2			19		т	clay 32. Water from 10 to 12. Topsoil 1; coarge gravel boulders 9; soft grey clay 2'; grey
	manag m				Water Supply Ltd.		_			-/		33-61	clay gravel hard streaks gravel 78; coarse gravel coarse sand 92; silt dark grey shale 101. Water at 92.
	Con I		- 0	E		Sep.13,1961	5					T 35-61	Topsoil 1; coorse gravel boulders 8; grey clay coarse gravel 26; grey clay fine gravel 79; grey clay fine silt 92; dark grey
	Con I		• 0	*		Sep.18,1961	5					T 36-61	shale 98.  Topsoil 2; brown sand gravel 8; coarse gravel boulders 13; grey clay fine gravel 9; thank streaks fine gravel dark grey shale
	Con I		* O	3 *		May 22,1962	5					T	98. Topsoil 1; clay gravel boulders 9; silt 15; clay gravel 107;
	Con I			S.L. Ledgley	R. Hudson	Oct. 1,1963	36	h	12	_	Fresh	29-62 D	shale 109; rock. Sand 10; clay 12; silty sand 16. Water at 9.
	Con I		5 5 7	W.E. Young	Had co Well Digging	Nov. 8,1963	30	1	24	19	116911	D	Sand 4; blue clay sand 19; sand clay 27. Water at 19.
	Con I					Oct.23,1963	30	2	24	18		D	Topsoil 1; brown sandy clay 3; brown sand 12; grey sand 25. Water at 18.
	Con I		<b>* 1</b> )		I. Lounsbury	Nov. 8,1960	5	4	70	Plows	Sulphur		Yellow clay 16; fine grey sand 29; blue clay 145; hardon 152; gravel. Water at 152.
	Con II		- 1	E. Sinasac	W. Dale	Aug.21,1961	4	7	40	34	Fresh	D	Old well 35; yellow sand 49. Water from 46 to 49.
									,				

	LOCATION	1 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Delawar Con II		co		T.L.McManamna	International Water Supply Ltd	Jun. 8,1961	5					T 2-61	Tonsoil 6; boulders 8; dark grey clay 14; fine cand silt 19; grey blay fine gravel 33; sandy grey clay 74; sandy grey clay fine gravel 108; grey shale
Con II			4	•	*	Jun.16,1961	6	2	9₺	6	Fresh		110. Topsoil sand 4; fine ravel coarse sand 11; coarse gravel silt
Con II			4			Jun.28,1961	6					T	13; clay gravel 15. Topsoil send 4; gravel silt 9; silty send 22; sandy clay 47; gravel
Con II		•	6	Wood Lynn	Hadco WellDigging	May 9, 1962	30	30	32	20	Fresh	4-51 S	shale 105. Topsoil 1; brown sendy clay 7; blue grey send 18; grey hardban
Con II		m	7	Farms Ltd. G. Scott	*	Jun.13,1963	30	2	23	17		D	31;gravel 33. Water at 31. Topsoil #;brown sand 4;brown clay 6;grey sand 9;grey sandy
Con II		W	7	WoodLynn Farms Ltd.		Aug.27,1963	30	2	30	20		s	clay 25. Water at 9. Topsoil 1;brown sand 3;brown clay 7;grey clay 34;gravel 35. Water at 34.
Con II Con II			1 3	J.R. Elvidge London P.U.C.	R. Hudson International Water Supply Ltd.	May 26,1962 Mar. 6,1962	36 5	10	28	25	•	r 13-62	water at 7; and 32. Water at 25. Topsoil 2; and gravel clay streeks 10; silt 26; clay 70; sand 75; clay boulders 84; clay gravel 98; gravel 1gravel boulder 114; clay hard gravel 161; water at 102.
Con II	I	•	3	H		Mar.12,1962	5					T	Topsoil ?;sandy clay 4;gravel 6;blue clay 94;streaks gravel clay boulders 103.
Con II	ľ	×	3	•	•	Apr. 4,1962	5					T	Topsoil 1;brown sandy clay gravel 21;sand gravel 28;soft gravel clay 38;blue clay boulder 42;blue clay 88;hard clay boulder 114;clay gravel boulders 145;hard clay gravel boulders 157;
©n II	r	-	4		•	Feb.21,1962	5					T 6-62	hard clay 215; hard clay boulder 234; limestone 236. Dirty brown sand 9; gravel 13; dirty silt sand gravel streaks clay 33; hard blue clay 59; clay boulder 68; sand 73; hard clay sand gravel 96; clay gravel boulder 120; hard clay gravel 135;
©n II	ľ	•	4	•	•	Feb.26,1962	5					T 10-62	clay boulders 142;hard clay gravel boulder 157;limestone 163; Topsoil 2;dirty silt sand 8;gravel 11;dirty silt sand 22; clay hard sand 66;clay boulders 68;hard clay odd boulder 85; gravel 88;clay odd boulder 95;clay boulders 100;clay gravel
Con II	I	*	4	•	19	Mar.20,1962	5					T 15-62A	139gcley gravel boulders 156; rock 158. Water at 88. Topsoil 1; sand clay 2; gravel 4; clay 80; clay odd boulder 94; streeks gravel clay boulders 104; cemented sand gravel houlders 112; clay gravel odd boulder 159;
Con II	I		6	Ont.Dept. of	R. Smith	Sep. 5,1963	5	12	20	12	Fresh	P	rock 161. Water from 104 to 107. Sand 20; sendy clay stones 26; sand 29; clay 40. Water at 26.
Con II	Ţ	*	9	Highways M. Schertzl	W. Dale	Jan.30,1961	5	· 1		Flows		D,S	Sand 7; sandy clay 19; clay 63; clay gravel 119; blue clay 149; sand 151%; clay 152. Water at 149.
Con IV		•	ס	D. Parker	M. Jones	Mar.16,1963	4	2	140	60		Ð	Prown sand 44; sand gravel 52; dirty sand 92; grey clay stones
Con IV		•	D	C.W. Thornton	R. Smith	Nov.14,1963	5	10	108	100	•	D	150; coarse sand 155. Water at 150. Stony brown clay 13; fine brown sand 19; hordoan 42; silty sand streaks clay 104; hordoan 110; stones 114; stony blue clay 144; stones 148; stony blue clay 170; fine coarse sand mixed 173.
Con IV		w	1	J. Tiede	J.B. Johnston	May 10,1963	43	3	100	76	•	ם	Water at 170. Tousoil 1;gravel 20;sand 112;fine sand 138;stony clay 172; silty sand 210;sand gravel 213;blue clay 228;grey shale 238. Water at 213.
Con IV		*	2	J.H. Moore	I. Lounsbury	Sep. 1,1963	7	40	100	63	•	ם	Brown clay loam 12;gravel clay 19;gravel 55;sand 120;sand 123;gravel 130. Water at 120.

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	Con IV	Twp.			London P.U.C.	International Water Supply Ltd.	Apr.10,1962	5					T 22-62	Topsoil 2; sand 4; brown clay 10; blue clay 12; sand gravel 19; clay sand gravel 48; clay 63; boulder 64; clay 74; gravel 81; gravel clay 98; sandy clay 124; clay 155; clay gravel boulders
	Con IV		*	3	*	*	Apr.27,1962	5					T 25-62	162; hard clay odd boulder 204; black shale 211; rock 212. Topsoil 3; brown clay fine gravel 15; grey clay fine gravel silt 88; grey silt fine gravel 109; grey clay silt fine gravel 151; dark grey clay fine gravel 172; dark grey clay fine
	Con IV			3		•	May 2, 1962	2	10	61	8	Fresh	T 1-62	gravel 226:dark grey limestone. Topsoil 3;brown sand fine gravel 43;sand gravel slit 67;silty clay gravel 74;grey sand gravel clay 94;hard clay boulders
	Con IV		*	3		•	May 2,1962	2			8		T 26-62	109;dark grey clay fine gravel 148;dark grey limestone 153: Topsoil 3;brown sand gravel 43;sand gravel silt 67;silty clay gravel 74;grey sand gravel clay 94;hard clay boulders 109;dark grey clay fine gravel 130;dark grey 148;dark grey
	Con IV		•	3	n	W	May 4,1962	5					T 27-62	limestone 153. Water at 74. Topsoil 3;brown sand fine gravel 5;fine gravel boulders 8; fine gravel silt 23;grey clay silt fine gravel 70;grey clay boulders 83;hard cemented coarse gravel silt 88;dark grey clay hard streaks cemented gravel 1262;
	Con IV			10	C. Hann	W. Dale	Dec. 8,1960	5	4	100	12	Sulphur	D,S	Brown clay 25; blue clay 52; soft clav 157; clay gravel 179; gravel 189; shale 208; limestone 213. Water at 212.
12	Con IV Con IV			10 12	W.P. Absolon I. Pack	R. Hudson W. Dale	Aug. 1,1963 Mer.14,1960	36 5	4	107	49	Presh	D	Brown clay 10; blue clay 20. Dry hole. Brown clay 32; clay sand 58; blue clay 111; brown clay sand 129; blue clay 153; sand clay 175; sand 178. Water from 175 to 178.
257				19		Ohio Drilling Co.	May 30,1962							Old well 18; clay 86; clay gravel 89; clay 120; sand gravel 135; clay 137.
	Con IV			21	V. Baker	I. Lounsbury	Now.14,1962	5	3 <del>1</del>	80	40	Fresh	D,S	Brown sand 5; yellow clay 18; blue clay 55; blue clay dirty gravel 60; blue clay 224; gravel. Water at 224.
	East Will Con I	liams	lot	1	T. Kremer	R. Smith	Aug.12,1960	2	31		36	Fresh	D,S	Hard brown clay 16; blue clay 46; fine black sand 56. Water at
	Con I I Con IV			2 6 8 10 12 14 14	L. Zavitz G. Chepman R. Currie E. McCallum W. Taylor B. Currie G. Brown W. Schlezd	R. Hudson R. Smith R. Hudson R. Smith	Dec.1,1961 Feb.28,1962 Oct.12,1961 May 25,1963 Dec. 5,1960 Oct.20,1961 Sep.25,1963 Dec. 1,1963	2 2 36 2 36 5	3 2 4 2 4 3 1 5	26 16 150	40 35 45 23 24 30 70	Sulphur	D,S D,S D,S D,S D,S	Brown clay 16; blue clay 45; fine sand 65. Water at 56. Blue clay 47; fine sand 55. Water at 47. Brown clay 22; blue clay 54; fine balck sand 63. Water at 54. Brown clay 15; blue clay 25; sand 32. Water at 25. Prown clay 15; blue clay 35; fine black sand 40. Water at 35. Clay gravel 20; stone brodoen 38; fine sand 40. Water at 38. Brown sand 6; gravel 9; blue clay 10. Water at 6. Hard brown clay 20; blue clay 115; black shale 155. Water at 145.
	Con V		*	1	D.Giffen		Nov. 8,1962	5	10	44	36		D,S	Brown clay 30; sand clay 70; blue clay 195; light brown rock 197. Water from 196 to 197.
	Con V		*	4	A. McConnel	•	Aug.17,1962	5	10	50	45	•	D,S	Blue clay 40; fine sand clay 110; blue clay 180; light brown rock 182. Water at 182.
	Con V		•	6	B. MacCallum	•	Aug.14,1962	5	5	60	40	-	D,S	Blue clay 60; sand clay 90; blue clay 150; brown sand 170. Water at 160.
	Con VII		•		S. Bice	A.A. Heal	Sep. 4,1962	4	4	70	20		D	Old well 44; blue clay 100; sandy clay 106; blue clay 126; sandy clay 132; blue clay 198; llmestone 199. Water from 100 to 106, 126 to 132 and from 198 to 199.
	Con VII			9	J. McKenzie		Jul.22,1963	4	4	40	3	Presh	D	Tellow topsoil 14; sandy clay 17; clay 50; sand 57; sand mud 60. Water at 50.
	Con VII			16	M. Shephard	Dolphin & Earl	Jul. 9,1961	4	5	20	30		D,S	Tellow clay 19; blue clay 58; hard sand 75; sand 77. Water at 77.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
East	ESEX COUNT Williams VIII VIII	- co			Dolphin & Earl A.A. Heal	Oct. 8,1960 May 25,1961	4	lş.	72	10	Fresh	ם	Old well 35; sand blue clay 120. Dry hole. Topsoil yellow clay 8; sandy clay 12; blue clay 80; sand 97; clay 98. Water from 80 to 97.
	IX		9 12	A. Mc <sup>G</sup> regor J.R. Stewart	Dolphia & Earl A.A. Heal	Sep.30,1961 Jun.1991962	4 5	10 6½	50 75	14 12	:	D,S D,S	Old well 35; blue clay 90; sand 96. Water from 90 to 96. Topsoil sandy clay 16; blue clay 80; sand mud streaks 91; sand
Con	XI		9	D. McIntyre		Oct.19,1962	4	4	112	70	Sulphur	D	100. Water from 91 to 100, Yellow topsoil 15; blue clay 130; sand streaks clay 140; blue clay 204; limestone 205; clay 212; limestone 214. Water at 2123.
Con	XII	*	7	M. DeGouw		Jan. 6,1961	4	3	240	148	N,	D	Topsoil yellow clay 15; blue clay 30; sand streaks 31; blue clay 208; 11 mestone 314. Water at 217; and 310.
Con	XIV	.16	14	J. McLachlan		Oct. 5,1963	4	6	106	105	•	D	Yellow topsoil 14; gritty clay sand streaks 51; blue clay 110; blue clay sand streaks 208; hard limestone 211. Water at 210.
Con	XX		28	D. Thirwall	W.D. Hopper &Sons	Feb.28,1962	5	10	27	23	Fresh	D,S	Yellow clay 14; blue clay 42; sand 45; grovel 64. Water at 64.
Ekfr Con	id Twp.	lot	12	W. Carruthers	Dolphin & Earl	Jul.3, 1962	4	5	<b>‡</b> 0	20	Fresh	N	Red clay 15; blue clay 140; hardpan 146; gravel sand 146; hard grey rock 197. Water at 146;.
Con		*	12 12	27	:	Jul.6, 1962 Jul.9, 1962	4	5	70	20	Fresh	D	Yellow clay sand 17; blue clay 143; rock 143. Dry hole. Bed clay 15; blue clay 143; gravel 146; rock. Water from 143 to
Con	I		12	Q.R. Curreh		Jul.12,1963	4	15	70	28	*	N	146. Yellow clay 10; blue clay 20; sand 28; blue clay 46; gravel 46½; blue clay sand 150; hardpan sand 152; rock. Water from 20 to
25 B Con	I		12		**	Aug. 2,1963	4	11	90	27	•	ם	28, 46 and 152.  Yellow clay 20; sand 28; blue clay 144; sand fine gravel 146; hardpan 152; sand gravel 154. Water at 28 and from 144 to 146, 153 to 154.
Con	I	*	18 12	J. Bajan A. Nevin	:	May 12,1962 Jul.18,1962	4	3 8	124 70	40 27		D,S D,S	Sand 12; blue clay 131; hardpan 159. Water at 159. Red clay 10; sand 30; blue clay sand 146; grawel 149. Water from 146: to 149.
Con	II	*	13	R. Macfie	W. Marsh	Nov.21,1961	5	5	45	30	*	N	Sand 5; clay stones 25; sand 28; clay stones 110; clay 144; gravel 147; stones fine sand 160; hardpan 168; grey limestone
Con	II		13			Dec. I,1961	5	6	64	30	*	D,S	174; soft grey shale 185. Water at 145. Sand 5:grey clay stones 25; clay silt 30; grey clay stones 140; clay silt 144; gravel silt 146; gravel coarse sand 147. Water at 146.
Con	II		16	J. McDonald	•	Aug.25,1962	5						Brown clay 14; clay 127; sandy hardpan 148; hard grey rock 152.
Con	II	*	16	n.	n	Aug.15,1962	5						Brown clay 14; grey clay 127; sandy hardpan 148; hard grey rock 152. Dry hole.
	III	*	24 14	J. Macuda J. Johnson	S. Earl W. Marsh	Aug.22,1962 Jul.24,1963	4 5	3	80 130	38 24	Fresh	D D,S	Clay 96; hardpan 111; grey shale 144. Water at 134. Clay 7; gravel 9; hardpan 40; fine sand 62; mild hardpan 96; quicksand 131; gravel 135. Water at 96 and 132.
Con	IA	*	13	M.G. Olde		Jul.17,1961	5	20	30	19	*	D	Clay 42; clay stones 45; clay 60; gravel 84; clay 124; black gravel 125; sand 127; gravel 129; hardpan 133. Water from 124
Con	IA		16	A. McFarlane	A.A. Heal	Mar.30,1960	5	4	48	16 <del>]</del>	۳.	D	to 133.  Topsoil yellow clay 12;blue clay 60;send 62;blueclay 80; hardpan sand 92;hard blue clay 109;black grayel 111;gray
Con	IA		24	H. McKellar	Dolphin & Earl	Jul.22,1963	4	4	60	27		D,S	black shale streaks 127. Water from 109 to 111. Yellow clay 10; blue clay 74; hardpan gravel sand 90; gravel 90. Water at 90.
Con	V	**	12	A. Benoit	W. Marsh	Dec.19,1961	5	10	90	15	*	D,S	Water at 90 Brown clay stones 25; grey clay 114; clay stones silt 125; sandy hardpan 130. Water at 119, 123 and 125.

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	Ekfrid Tw			cont	•									
	Con V	pc	lot	14	V. Towers	A.A. Heal	Nov.28,1961	4	₹ 1		14	Fresh	N	Yellow topsoil 12;blue clay 80; clay sand 115; muddy hardpa. 123;grey shale 146;grey limestone 170; soapstone 173. Water
	Con V			14		*	Dec. 1,1961	4	5	18	11		D,S	from 115 to 123. Yellow topsoil 12; blue clay 112; muddy hardpan 117; sand 120;
	LRN Rang	e I	H	8	H. McLean	Dolphin & Earl	Jul.22,1962	4						soft rock 121. Water at 117. Sand 10; red clay 20; blue clay 144; sand 146; hard grey rock 200. Water at 146.
	LRN Rang	e I		8	•		Jul.24,1962	4	5	50	35	Presh	D,S	Red clay 18; blue clay 134; hardpan 144; fine gravel 146. Water from 144 to 146.
	LRN Rang	e I		8	*	*	Aug.14,1963	4	2	120	35	*	D,S	Yellow clay 10; blue clay 136; hardpan gravel 146; top rock.
	LRN Rang	e I		8	•		Aug.21,1963	4						Water from 142 to 143. Yellow clay 10; blue clay 135; hardwan 152; rock 195; Hamilton sapstone 200. Dry hole.
	LRN Rang	e I		8	•		Aug.28,1963	4			35		N	Yellow clay 18; clay sand 20; blue clay 140; hardpan gravel 152; too rock. Water at 146.
	LRN Rong	e I		18	G. Gates	•	Apr.20,1960	4	21/2	100	35	Fresh	D,S	Red clay 10; blue clay 138; herdben 153; blue shale 156. Water et 153.
	LRN Rang	e II	•	1	J. Robinson	W. Marsh	Aug. 9,1962	10	1 1 2	45	13	*	s	Brown clay 4; grey clay 35; clay stones 42; sand clay stones 79. Water from 42 to 70.
	LRN Rang	e II		1		•	Aug.16,1962	4	2	45	13	•	s	Brown clay 6; grey clay 24; gravel 28; coarse sand 32; clay stones 47; sand clay 50; clay silt 53. Water from 47 to 50.
	LRN Rang LRS Rang			1	H. Baxter	R. Hudson Dolphin & Earl	Aug.19,1963 Dec.27,1963	36 4	3	30	10 5	•	D,S	Brown clay 5; blue clay 36; sandy clay 50; Water at 36. Sand 10; blue clay 90; hordoan clay 98; sand 102. Water from 98 to 102.
25	LRS Rang	e I	*	7	J.D. McLean	~ .	Mar.11,1963	4	5	60	21	•	D,S	Yellow clay 15; blue clay 120; hardban 124; gravel 128. Water from 124 to 128.
9	LRS Rang	e I	*	12	L. Eaton		Jul.12,1962	4	3	20	10	**	D,S	Wellow clay 10; blue clay 140; hardpan 162; fine gravel 165.
	LBS Rang	e I	•	23	A. McRae	A.A. Heal	Jun. 9,1961	4	8	57	43	•	ם	Yellow toosoil 30;blue clay 102;gravel 103;gravelly clay 111; coarse sand 121. Water from 111 to 121.
	LRS Ranz LRS Rang	e I e II		24 6	P. Markus J.D.Johnson	W. Newport Dolphin & Earl	Aug.16,1961 Sep.13,1963	4 4	10	40	21 2		D D,S	Blue clay 10; fine sand gravel 130. Water at 121. Yellow clay 10; blue clay 146; sand gravel 148; gravel 149. Water at 149.
	LRS Rang	e II	*	9	C. Hardy	•	Sep. 6,1963	4	10	70	65		D,S	Yellow clay 9; blue clay 125; gravelly hordpan 180; coarse
	LRS Reno	e II	•	24	M. Loeschel	HadcoWell Digging	Feb.28,1962	30	4	32	12		D,S	gravel. Water at 180. Topsoil 1; brown sand 11; fine gravel 13; blue clay 32. Water at
	LRS Rang LRS Rang			24 4	D.A. Dobie J. Besenyei	W. Newport W. Marsh	Sep.12,1961 Jul.21,1962	4 5	3	100 160			D,S	13. Sandy loem 4; blue clay 141; gravel 143. Water from 141 to 143. Red sand 8; grey clay 46; grey clay stones 168; gravel 170. Water at 135, 160 and from 168 to 170.
	Lobo Twp.													
	Con I		lot	1	London P.U.C.	International Water Supply Ltd.	Sep.21,1961	5						Topsoil 4; coarse gravel boulders 8; grey clay fine gravel 79;
	Con I			2	*	water Supply Ltd.	Sep.25,1961	5					T	hard grey clay fine gravel 94;dark grey shale 99. Coarse gravel boulders 18;grey clay fine gravel 94;dark grey
	Con I			3	•	•	Aug.31,1961	2			10	Fresh	T	shale 102. Topsoil 3;hard backed coarse gravel 10;grey clay boulders 55;   coarse gravel coarse sand 92;silt hard grey clay 97;gravel
	Con I		•	4	•	*	Aug.17,1961	2		c c	2	•	т	dark grey shale 103. Water at 92. Topsoll 4;brown sand fine gravel 9;grey clay boulders 20; soft sandy grey clay stones 65;coarse gravel fine sand 77; hard grey clay fine gravel 101;dark grey shale clay 109. Water at 77.
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	LOCATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	T.EVET.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY - cont.	London P.U.C.	International Water Supply Ltd.	Aug.24,1061	2			Flows		T 30-61	Topsoil 4; coarse gravel boulders 10; grey clay boulders 30; hard cemented fine gravel 30; fine gravel coarse sand 80; silt
Con I	* 4			Oct.24,1961	8	300	31	*	Fresh	_	grey clay streaks fine gravel 98; hard dark grey shale 102. Tonsoil 4; coarse gravel boulders 13; grey clay boulders 30; hard cemented fine gravel 302; fine gravel coarse sand °0; grey
Con I	* 6	*	*	Sep.13,1961	10	30		8	Sulphur	т 34-61	clay streaks fine hard gravel 90. Water from 30% to 80. Black loam 8; silty sand gravel 13; coarse gravel sand 18; clay 44; coarse gravel clay 54; coarse gravel clay 54; coarse gravel
Con I	* 6		*	Sep.22,1961	10	30	10	9	*	T 37-61	boulders cemented 78;grey shale 79. Water from 54 to 78. Silty sandy clay 12;coarse gravel sand 17;clay 48;clay gravel 57;coarse gravel sand boulders comented
Con I	* 6			Oct. 3,1961	10	30	9	8	10.	T 40-61	79%; grey shale 80. Water from 75 to 79%. Sandy clay 13; coarse gravel sand 18; clay 34; clay gravel 49; coarse gravel clay stones 51; coarse gravel sand 75; coarse
Con I	* 7		*	Jul. 5,1961	5					т 39-61	gravel sand boulders cemented. Water from 51 to 75. Topsoil 1;brown sand 4;coarse sand coarse gravel 20;grey ;clay gravel 36;grey clay fine hard gravel 88;soft grey clay fine gravel 102;fine sand silt 104;hard streak cemented fine gravel 106;grey clay fine gravel silt 141;damk grey limestone
Con I	* 7	**	H	Jul.17,1961	2			11	Fresh	T 19-61	145. Topsoil 2; sandy grey clay 8; grey clay cemented gravel 23; coarse gravel coarse sand 46; coarse sand fine gravel 74; shale
Con I	* 7	*	п	Jul. 28,1961	6	135	13	11	Sulphur	T 22-61	77. Water at 74. Topsoil 6; gravel 1; clay gravel 6; boulders 10; coarse gravel lely 28; coarse gravel 39; coarse gravel sand 55; coarse gravel
Con I	* 7		п	Aug.15,1961	10			14		T 26-61	send streaks cemented 72%;grey shale 73. Water at 72%. Topsoil 1;sandy clay boulders 14;coarse grevel streaks cemented 24;coarse grevel sand 58;coarse sand 67;coarse
Con I	• 7	•		Aug.24,1961	10	30	12	9	•	T 29-61	gravel sand 73;cemented sand gravel 76g;grev shale 79. Water76; Sand 8;coarse sand gravel clay 12;clay gravel 23;soft silty clay30;gravel clay 39;coarse gravel sand 45;cemented coarse
Con I	* 7			Sep. 1,1961	10	30		10	*	T 32-61	gravel 48; coarse gravel sand 74;grey shale 74%. Water 39to74. Topsoil 1; sand 4; sandy clay 9; clay gravel boulders 14; clay gravel 23; clay 37; slity sandy clay 52; coarse gravel sand 72;
Con I	• 7		•	Oct.18,1961	10			12	**	T	Sand clay 7; boulders 10; coarse gravel clay 37; coarse gravel
Con I	* 7	( <b>#</b> )		Oct.25,1961	10			14	•	T	send 64; boulder 69; white clay gravel 73%; grey shele 74.   Black loam 2; clay gravel boulder 26; coarse gravel send clay stones 39; coarse gravel send 70; cemented gravel 742; grey
Con I	* 7	)( <b>46</b> )	н	Nov. 1,1961	2			11		T 45-61	shale 75% Water from 39 to 74%. Loam 2;dirty sand clay gravel houlders 26;coorse gravel small boulders sand 39;coorse gravel small boulders sand 67;broken shale clay gravel 68;cemented gravel sand 70;clay gravel 72;
Con I	* 7			Nov. 16, 1961	12	700	21 }	10	Sulphur	T 47-6:	hard shale 73. Water at 26. Tonsoil issandy clay gravel 5; boulders 9; coarse gravel clay 126; coarse gravel sand 66; coarse gravel clay 67; coarse gravel streaks cerented 71; erry shale 713. Water from 66 to 71.
Con I	* 7	•	*	Aug.17,1962	16	1200	31}	212	n	T 110-6	Topsoil roots 1; sandy clay boulders 3; sandy clay gravel 10;

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	bo Twp.					[- x			1			السيمينا	۱	m
	Con I	1	ot	7	Landon P.U.C	International Water Supply Ltd.	Aug.23,1962	2			14	Sulphur	T	Topsoil roots 5; blue clay gravel boulders 15; cemented sand gravel 27; coarse sand gravel boulders 59; dirty sand gravel
						water Supply Ltd.							111-52	boulders 74; hard clay gravel 75. Water from 69 to 24.
(	Con I		Ħ	7		-	Aug.29,1962	2			18		T	Topsoil roots 1; grey clay gravel 5; blue clay gravel 15;
								_					112-62	cemented sand gravel 24; coarse sand gravel 50; coarse sand
	es van		-		NG.							w		fine gravel 73; sand gravel 77. Water from 50 to 77.
(	Con I		10	7			Sep. 4,1962	2			18		T	Topsoil roots 1; sandy grey clay 6; sandy brown clay gravel
													113-62	boulders 24; coarse sand gravel boulder 50; coarse sand gravel 68; coarse sand gravel small boulders 78. Water from 50 to 78.
1	Con I		10	7		*	Sep. 6,1962	2			18	w	т	Topsoil 1:sandy grey clay houlders 15:cemented sand grovel
	wii 1			r			500. 0,1702	~					114_62	24; dirty sand gravel boulders 27; coarse sand gravel boulders
													114-03	60; coarse sand gravel 79. Water from 27 to 79.
(	Con I		**	7			May 28,1963	38	2000	45	15₺	Fresh	T	Sandy clay boulders 6; hard grey clay gravel 14; cemented gravel
													3-63	clay 21; sand coarse gravel 41; fine gravel 47; sand fine gravel
						}								49; fine gravel 51; coarse sand gravel 62; medium sand 67; coarse sand gravel 74; fine sand boulders 76. Water from 41 to 74.
	Con I		**	7			Jun. 7,1963	38	1500	48	12		т	Sandy clay 6; coarse gravel boulders 9; fine sand 13; coarse
				<i>x</i> ·			1,120	2.0	-500				1-63	sand fine gravel17; hard clay gravel boulders 29; sand gravel
														clay 37; coarse sand gravel 44; coarse sand gravel 66; boulders
					_	_								clay. Water from 13 to 66.
,	Con I		10	7		"	Jul.22,1963	38	1800	42	14	-	162	Sandy clay 6; brown clay boulders 11; grey clay hardpan gravel 23; hard clay gravel boulders 30; coarse sand fine gravel 42;
													2-0)	coarse sand coarse gravel 50: coarse sand gravel 73: boulders.
. 1	Con I		60	7	w.	w.	Sep. 9,1963	38	1400	31	18	in .	т	Sandy clay 7; hard grey clay gravel 17; sand gravel clay
261								2.5		-			4-63	boulders 23; sand gravel 56; medium sand gravel 60; fine sand
														gravel 66; medium sand gravel 69; clay hard boulders 70%.
	Con I			8	E. Doan	R. Hudson	Oct.30,1961	36	20	9.	8		D	Clay 8; clean gravel 10. Water at 8.
	Con I			9	London P.U.C.	International	Aug. 1,1961	2	1	24	0	Sulphur	T	Topsoil 1; coarse gravel 8; grey clay silt fine gravel 56; fine gravel silt 70; grey clay gravel 78; dark grey shale 84.
	Con I		19	9		Water Supply Ltd.	Aug. 4,1961	5					T	Topsoil 5; grey clay boulders 10; grey clay fine gravel hard
	-011			7				,						silt 76;dark grey clay 86.
3	Con I		99	10			Jul.24,1961	2	20	18	Flows	Sulphur	T	Topsoil 3; brown sand boulders 7; grey clay boulders 44; fine
													21-61	gravel hard silt 65; hard fine gravel silt 71; grey clay gravel
2	а т						T-1 00 40/4	_						84;dark grey limestone 96.
	Con I		99	10		-	Jul.27,1961	5					23 61	Topsoil 3; brown sand fine gravel 10; grey clay silt fine gravel 74.
	Con I		#	10	19	*	Aug.11,1961	5					יר	Topsoil 4; brown sand boulders 13; fine gravel clay boulders
													27-61	45; coarse gravel silt streaks clay 66; fine gravel hard clay
														73;dark grey shele clay 81. Water at 66.
	Con I			10	I. Gelderblom	H. Siegrist	Oct. 7,1963	5 5}	7	22	20	Fresh	D	Old well 20;gravel 28. Water at 28.
3	Con I			13	L. Steeves	-	Sep.13,1960	5₺	4	80	59	-	D	Gravel stones clay 25; brown clay 43; dry gravel 75; brown clay
	Con I			12			Feb.22,1961	4	6	100	60		D	101½; streaks coarse sand 102; clay 103. Water at 103.  Breviously drilled 102; clay silt 183; hardban 193; hardban.
	JO11 1			1)			Feb.22,1901	7	°	100	00		ь .	Water at 193.
	Con II		**	5	G. Camp	R. Hudson	Oct.31,1961	36	20	13	13		D	Stony gravel 16: Water at 14.
	Con II		99	5	W. Smith	I. Lounsbury	Sep.25,1962	5	21	13 80	18		D	Old well 3; gravel boulders 7; gravel 12; sand 40; hardban 97;
	-		ave.											gravel 98. Water from 97 to 98.
1	Con II			6	London P.U.C.	International	Jun.14,1963	8			271		T	Sandy clay gravel 7; sand gravel small boulders 25; sandy blue
						Water Supply Ltd.							1-63	clay 48; blue clay gravel 85; hard sand clay gravel 130. Water
3	Con II		100	7	C. Stewart	H. Siegrist	Nov.28,1963	5	5	55	39		D.S	at 127. Old well 25;hardpan 35;sand 36;clay 55;sand 63;clay 64;grayel
				e.	-, -, -, -, -, -, -, -, -, -, -, -, -, -		,		'	"	23		2,5	sand 83; hardoan 84; gravel 85. Water at 85.
3	Con II		88	8	London P.U.C.	International	Apr. 9,1962	5					T	Topsoil 2; coarse gravel coarse sand 4; grey clay coarse gravel

Nater Supply Ltd.

Apr. 9,1962 5

Tossoil 2; coarse gravel coarse gravel coarse gravel coarse gravel tog; coarse gravel hard clay 109; grey clay fine hard gravel 151; grey clay fine gravel silt 215; dark grey limestone 218. Water at 105.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	FOC	ATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
		COUNTY		ont										
Con		- con	t. ot	8	London P.U.C.	International Water Supply Ltd	Apr. 9 ,1962	5					23-62	Brown sand fine gravel 9; grey clay fine gravel 58; hard cemented fine gravel 78; fine gravel silt 88; grey clay fine gravel hard silt 187; fine gravel cemented hard 232; dark grey limestone 236. Water at 88.
Con Con	II			13	P.F. Dearing C. Morris J.E. Garrett	R. Hudson	Jul.21,1961 Jul.22,1961 Jul.2, 1962	36 36 36	2 8 5	12 22 18	9 18 14	Fresh	D D	Clay 6; hard blue clay 9; qucksand 15. Water at 9. Clay 6; gravel 18; blue clay 24. Water at 18 and 24. Clay 8; gand 22. Water at 14.
Con					V. Nowlan	R. Smith	Peb.11,1961	5	10	78	56	•	D,S	Hard yellow clay 15; blue clay 50; fine dirty sand 80; medium sand 86. Water from 80 to 86.
Con	III		•	7	London P.U.C	International Water Supply Ltd.	Apr.19,1962	5					T 24-62	Topsoil 1; brown clay gravel 5; grey clay fine gravel 25; grey clay fine gravel hard streaks fine gravel 151; grey clay coarse gravel 156; grey clay fine gravel 167; grey clay coarse gravel 172; coarse gravel silt 183; grey clay fine gravel 205; dark
Con	III			11	W. Chefurka	R. Smith	Jun. 3,1960	4	5	70	64	Fresh	ם	grey clay shale 259. Water at 183. Hard clay 20; blue clay 40; fine sand 86; sand 90. Water from 86 to 90.
Con Con					S. Postra L. Ferguson	R. Hudson	Aug.18,1962 Apr.20,1963	36 36	2	18 19	10 14		D D	Fine gravel 10; grey clay 12; sand 13; clay sand 20. Water at 10. Topsoil 3; gravel 7; sandy clay 13; gravel 15; clay 20. Water from 13 to 15.
Con Con	III			15	H. Gates C. Sells S. McQueen	H. Siegrist	Jul. 8,1961 Aug.23,1963 Sep.16,1963	36 36	8	17 25	15 18		D D	Clay 15;gravel 18: Water at 15. Sandy clay 20;blue clay 26;quicksand 28. Water at 26. Topsoil 1;gravel 10;blue clay sand 82;hardpan 150;blue clay
Con	IV			1		•	Sep.23,1963	4	51	80	50	•	D,S	200; gritty hard blue clay 329; dark rock 345. Dry hole. Topsoil 1; gravel 10; clay 40; sandy clay 80; hardban 150; clay
Con				4	J. Livingstone	R. Smith M. Jones	May 5, 1960 Mar.16,1963	2	4	100	15 20	:	D,S	200; hardban 209; gravel 210. Water at 210. Clay 5; clay gravel 15; dirty gravel 22. Water at 15.
Con	IV			6	O. Snelgrove B. Babinsky	R. Smith	Mar. 4,1962 Jul.12,1963	5 5 5	10	42	36 75	*	D,S	Fine sand 110. Water from 40 to 110. Brown clay 22; blue clay 40; sand 83. Water at 75. Brown clay 18; blue clay 75; silty brown sand 93; fine grey sand 96; silty sand 100. Water from 93 to 96.
Con	IA			8	Mitchell Bros.	J.B.Johnston	Jun.23,1961	4	3	130	56	•	D,S	Topsoil 1; red clay c; blue clay 50; sand 95; blue clay 145; sand gravel 152; hardpan gravel 160; fine gravel 162; grey shale 170. Water at 160.
Con Con				9	R. Tuckey A. Pettit	R. Smith Dolphin & Earl	May 21,1961 Dec,11,1961	5 4	2	55 80	42 20	•	D,S D	Brown clay 12; blue clay 53; fine sand 58. Water from 53 to 58. Yellow clay stones 20; blue clay stones 35; sandy hardpan 75; limestone 80; sand 90. Water from 80 to 86.
Con	IV		•	10	C. Satchell	I. Lounsbury	Aug. 4,1962	5	4	60	42		D	Yellow clay 17; blue clay 66; grey sand 70; band gravel 82; hardpan 90; blue clay 124; grey sand 134; gravel 139. Water from 124 to 139.
Con	IV	,	ė	12	D. Grace	W. Dale	May 7, 1962	5						Topsoil 3;brown clay 10;grey clay gravel 54;fine sand 60;grey clay 70;fine sand 76;stone clay 97;gravel hardpan boulders 126. Dry hole.
Con	IA			12	•	•	May 23,1962	5	15	130	52	Fresh	D,S	Topsoil 3; brown clay 10; grey clay 54; fine sand 69; grey clay 74; fine sand 76; grey clay 97; gravel hardpan 126; grey clay
Con	IA	7	•	13	W. Stapelford	J.B. Johnston	Jen.18,1961	4	6	55	55		ם	150; fine cemented sand 157; gravel 158; hardpan 160. Water at 74. Old well 22; blue clay 60; hard sand 64; fine gravel 65; sand sailt 78. Water from 64 to 65.
Con	V	7		2	J. Ther	R. Smith	May 11,1961	5	3	180	30		D	Clay brown sand 30; fine sand 188; hardpan 192; dirty gravel 193. Water at 193.
Con	V			2	d.C. Ther	H. Siegrist	Sep. 5,1962	4	5	51	40	*	ם	Previously drilled 200; hard sand clay 230; gravel. Water at 230.
Con	٧			3	R. Henderson	R. Hudson	Jul. 4,1963	36	1	22	19		D	Brown clay 10; blue clay 16; sand 26. Water at 19.

262

		sex coun		cont		100								
	Con T	Гwр с V	ont.	4	H. Fletcher	R. Smith	May 29,1963	5	8	170	100	Sulphur	D,S	Brown clay 20; fine sand 190; clay sand 261; grey rock 262.
	Con 1	<b>V</b>	٠	7	W. Culver	J.H.Wenver & Son	Jan. 9,1962	1	5		25	Fresh	۵	Water at 262. Old well 25;yellow putty clay 32;grey quicksand 38;brown
	Con V			?	J.W. Herold	R. Hudson	Sep.24,1963	36	3 21	20	17	:	D,S	sand 45. Water at 25. Brown clay 8; sand 24; hard blue sand 27. Water at 17.
	Con V	7	**	8 11	P. Tuckey O.M. Irvine	R. Smith R. Hudson	Feb.24,1962 Sep.25,1960	5 36 4	1	55 30 28	40 26	:	D,S	Brown clay 20; blue clay 45; fine sand 60. Water at 50. Brown clay 10; blue clay 32; fine sand 34. Water at 32.
	Con 1			13	E. Petherick	J.B.Johnston	Apr.18,1961		5		26		D,S	Topsoil 2; red clay 10; blue clay 32; muddy sand 37; gritty blue clay 52; sand gravel 55. Water at 52.
	Con 1			16	M. Schmidt	H. Siegrist	Apr.25,1962	5	3	80	50		D,S	Topsoil 1; clay 45; send 50; gravel 55; harden send 80; clay 115; send harden 176; lake sand fine send 177. Water at 176.
	Con 1	V.	•	16	L. Verhallen	M. Jones	Feb.19,1963	4	8	55	55	•	D,S	Yellow clay 8; blue clay 45; coarse sand 48; clay stones 106; gravel 110; blue clay 136; fine sand 139; sandy clay 174; coarse
	Con V	VI.		2	R. Henderson	J.H.Weaver & Son	Dec. 2,1961	6	4		23	*	D,S	sand 175. Water at 174. Old well 27; sand clay streaks 37; fine grey quicksand 45.
	Con V			4	D. Tuckwood	R. Hudson	Sep.21,1963	36	3	23	22		ם	Weter at 23. Hard brown clay 12; sand 30. Water at 22.
	Con V	VI.	**	7	M. McLean I. Nichols	R. Smith	Jun. 4,1962 Nov.29,1963	36 36	3 15	23 17 16	14 14	:	D,S	Hard brown clay 12; gravel 14; clay 17; sand 18. Water at 14.  Brown clay 12; stony clay 20; blue clay 29; sand 63; clay. Water
	Con V			15	K.H. Lendzian	H. Siegrist	May 17,1961	4	4	30	20		D	at 29. Topsoil 1; brown clay 106; hard sand 193; gravel. Water at 183.
	Con V	VII		2 12	J.McLaughlin F. Vallick	J.H. Weaver &Son R. Smith	Nov.23,1960 Jul. 6,1960	1 2	9 12	,,,	28 14	*	P	Old well 30; brown quicks and 45. Water at 28. Hard clay 14; sand clay 30; clean sand 38. Water at 30.
	Con 1	VII		16	L. Harrison	n. Smith	Jul. 2,1961	2	5		32		D,S	Brown clay 20; blue clay 30; fine sand 46. Water from 30 to 46.
6	Con V	VIII		17 5	H. McQueen G. Hicks	R. Hudson	Apr.18,1962 Oct.28,1961	5 36	14 4	19 15	18 14		D,S	Stony clay 10; sandy clay 25; sand 35. Water from 25 to 35. Sandy gravel 15; clay 18. Water at 14.
	Con V		*	5	L. Zavitz E.A. Mitchell		Sep. 3,1962 Jul.13,1963	36 36	6	12 15	12 13		D	Sand 15; clay 16. Water at 12. Sand 18. Water at 13.
	Con V	VIII		5	G. Amies R. Ladell	R. Smith	Oct.24,1963 Apr.22,1963	36 2	10	- 2	12 22		N D	Sand 12; sandy clay 20. Water at 12. Clay 35; sand clay 50; sand 60. Water at 50.
	Con 1		*	6	D. Mulchester	n. omich	Sep. 3,1963	5	8	50	27		ã	Brown clay 16; blue clay 22; brown sand 52; grey sand 55. Water
	Con T		*	7	G. Miner		Apr.14,1962	2	10		30	•	D,S	from 52 to 55. Brown clay 18; blue clay 45; fine sand 63. Water from 45 to 63.
	Con V	VIII	÷	12 14	K. Moriel J. Barber	R. Hudson	Oct.25,1963 Sep. 6,1963	36 36 4	1 10	16 22 26	7 20		D	Brown clay 8; blue clay 15; sand 20. Water at 15. Stony clay 6; sand 10; gravel 26. Water at 20.
	Con 7	VIII	•	15	B. Petrie	R. Smith	Jul. 6,1961	4	15	26	20	•	D	Brown clay 12; sandy clay 18; hard gravel 32. Water from 20 to 32.
	Con I			18 4	R. Bloomfield L. Zavitz	R. Hudson	Jul.20,1963 Sep. 3,1962	36 36	10 1	17 14	15 12		D	Stony clay 6; blue clay 12; sand 14; gravel 19. Water at 15. Sand 16; Water at 12.
	Con 1		**	5	P. Bercley	R. Smith	Jun. 24, 1960	4	6	38	25		D,S	Old well 16; hrd clay 18; sand 27; blue clay 42; fine sand 62. Water from 50 to 62.
	Con 1			10 18	L. Carmichael N. Reith		Nov.29,1960	2	12 15		20	:	D,S	Clay 20; clay gr vel 31; gravel 36; coarse sand 42. Water at 36.
	Con I				R.	R. Hudson	Dec.14,1963 Nov.16,1962	7 36	5	20 21	18 18		D,S	Clay gravel 30; sand 45; gravel. Water at 45. Hard brown clay 16; gravel 22. Water at 18.
	Con 2	x		7	Nancekieville G. Szilvasi	W. Marsh & Sons	Jul. 8,1963	5	10	100	80	Sulphur	D,S	Brown clay stones 20; clay stones 78; sandy hardpan 105; fine
														send 118; sand silt 173; gravel hordban 175; fine sand 192; hardban 220; coarse sand fine gravel 223. Water at 118, 175
	Con 2			2	R. Dickson	R. Smith	Aug. 6,1960	2	8		25 18	Fresh	D	Brown clay 10; blue clay 40; fine black sand 60. Water at 40.
	Con )	K	*	10	A. Barns	•	Apr. 5,1960	2	12		18	•	D,S	Brown clay 34; fine sand 40; blue clay 78; hardpan 83; sharp sand 87. Water from 83 to 87.
	Con 2	X		12	J. Vanerwall	•	Sep.30,1960	4	12	56	40	•	D,S	Hard stone clay 12; blue clay 60; sand 70. Water at 60.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCAT	ION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUN Lobo Twp c Con XI Con XI		H. Gladwell E. Mitchell	R. Smith	Nov. 2,1961 Jul.12,1961	2	5 15	52	48 38	Fresh		Brown clay 18; blue clay 60; fine sand 73. Water at 60. Brown clay 17; blue clay 45; brown sand 60; clay 65; black sand 82. Water from 65 to 82.
Con XI Con XII	" 13 " 4	L. Lang J. Sanford	S. Earl	Jan.29,1962 Oct.22,1963	4 4	10 15	58 60	40 45	:	D,S D	Brown clay 30; fine sand clay hardban 153. Water at 153. Clay 58; sand 59; clay 63; sand 65; clay 76; sand 80; clay 180;
Con XII Con XIII Con XIII Con XIII	20 1 7	R. Watson A. Chapman T. Green J. Stewart	R. Hudson R. Smith	Jul.31,1961 Feb.15,1962 May 20,1962 Oct. 5,1963	36 2 5 2	12 2 12 3	12 50	12 50 38 37		D,S	hordoon 200; clay 214; hordoon 219. Water from 189 to 192. Clay 10; gravel 16. Water at 12. Brown clay 18; blue clay 70; fine sand 75. Water at 70. Brown clay 20; blue clay 60; sand 86. Water at 60. Brown clay 23; sendy brown clay 36; hordoon 56; fine grey sand 61. Water from 56 to 61.
London City		McNally Const.		Jul.15,1960	8	15	35	19	Fresh	In	Sand silt gravel stones 14; coarse gravel sand 31; cemented
London City		Co. London P.U.C.	Water Supply Ltd.	Apr.12, 1961	16	450	37	12		F 1A-61	gravel 37. Water at 31. Silt clay 15; clay silt sand gravel 25; fine sand silt clay 65; clay gravel boulders 67; gravel sand boulders clay 84; fine
London City		•	•	May 31,1961	16	500	19}	8		P	gravel send 86;clay send 87. Water at 65. Black fill 5;silty clay send 23;sand gravel 52;sand gravel 59;gravel send boulders 82;fine gravel 86. Water at 52.
London City			•	Jul. 5,1961	10					T 18-61	Topsoil 1; sand 9; coarse gravel sand clay boulders 20.
London City		•	•	Jul.10,1961	10					T.	Topsoil 1; sand 9; coarse gravel sand clay 23; clay gravel 34; coarse gravel clay 37; reddish clay gravel 52; gravel clay 53; grey shale 63.
London City		•		Jul.13,1961	10					T (1	Topsoil 3; sand 8; coarse gravel 11; coarse gravel clay 17;
London City		H.J.Fennema	H.T.Siegrist	Jul.29,1961	5	3	75	48	Fresh	D D	reddish clay some gravel 49; grey shale 54. Topsoil 2; gravelly clay 25; clay stones 50; hard packed clay 113; sand 115. Water at 113.
London City		London P.U.C.	International Water Supply Ltd.	Jul.31,1961	12	600	76	21	Fresh	P 1-61	Topsoil 1; sendy clay 4; coarse send 8; clay gravel houlders 45; sand gravel clay 50; grey clay 61; clay gravel houlders 65; hardnan 76; grey clay 82; cemented gravel clay 88; cemented sand gravel houlders 114; sand gravel 118; sand 123; fine gravel sand 133; rock. Water at 114.
London City		M. Wilson	R. Smith	Sep. 4,1961	4	5	90	70	Fresh	D,S	Brown clay 24; blue clay 56; fine sand 95; coarse sand 108. Water at 56.
London City		C. Buckely	Hadco WellDigging	Oct.27,1961	30	4	28	10	*	D	Topsoil 1; brown clay 9; brown sand 10; blue clay 12; blue sand 14; blue clay 18; coarse blue sand 20; blue clay 30. Water at 10 and 12.
London City London City		J. Barr S, Fox	R. Smith	Nov,25,1961 Dec.15,1961	2	4 4		28 60	*	D D	Brown clay 18; blue clay 44; sand 48. Water at 44. Brown clay 14; brown sand 78; fine grey sand 86. Water from 78 to 86.
London City		A. Garlick	A. Garlick	Jan.15,1962	4	3	60	57	•	D,S	Small stones Frown clay 27; sand 29; blue clay 60; silty fine sand 63; blue clay 75; coarse sand 77%; blue clay 90; gritty clay 96; blue clay 108; hardpan 111%; grey rock 114. Water at 75 and 114.
London City		E. Rader	Hadco WellDigging	Feb.23,1962	30	10	31	23		D	Topsoil 1; sand fill 3; brown clay 14; brown sand 15; blue clay 23; grey blue sand 31. Water at 23.
London City		H. Marchal	W. Dale	Feb.28,1962	5	8	78	66	•	D,S	Stony clay 13; brown clay 32; muddy gravel 34; sandy blue clay 67; silty sand gravel 114; cemented gravel 118; limestone 121.  Water from 120 to 121.
London City		H. Moses	R. Bmith	Apr. 5,1962	5	10	40	37		D	Brown clay 16; blue clay 40; sand 56. Water at 40.
London City		M.Shoebotton	R. Hudson	Apr. 7,1962	36	10	6	6	3.00	D	Topsoil 2;gravel 6;sandy clay 18. Water at 6.

M	[DDLESS]	X COUNTY - cont										
1	London London	City - cont. City	London P.U.C.	International Water Supply Ltd.	Jun.20,1962	10					T 51-62	Sand stones 3;gravel 10;silty sand gravel 12;dirty sand gravel 20;silty clay 26;clay 30;clay gravel 42;hand clay
	London	City			Jun.26,1962	10					т 52-62	Erryel stones 67; limestone 71.  Dirty gravel sand 2; cleen coarse gravel 11; silty clay 33; hard clay stones 44; gravel boulders clay 50; hard gravel 55;
	London London		M. Dole London P.U.C.	J.H. Weaver &Son International Water Supply Ltd	Jun.28,1962 Jun.29,1962	1 10	8		20	Fresh	D T	charse gravel 61; clay 63; shale 65; Water at 2 and from 55 to 61. Old well 20; brown quicks and 40. Water at 20. Topsoil 1; gravel 5; silty sand 21; silty clay 35; hard clay 46; gravel sand 51; hard clay 57; shale limestone 62. Water at 51.
	London	City	•	water buppry btd	Jul. 3,1962	10					T	Topsoil 2; silty sand 5; coarse gravel 13; sand gravel 19; silty clay 30; clay 38; hard clay 58; hard clay gravel 61; limestone 63.
	London	City	**		Jul.10,1962	10					T	Topsoil 2; silty sand 8; sand gravel 20; silty clay 33; hard clay 41; soft tlay 52; hard clay 68; limestone 70.
	London	City	•		Jul.13,1962	10					T	Topsoil 3; gravel sand 18; fine silty sand 47; coarse gravel 49;
	London	City		*	Jul.18,1962	10					T	hard clay 56;shele 60. Water at 49. Gravel sand 11;silty clay 21;clay 37;hard clay 42;clay gravel 51;clay 61;limestone 64.
	London	City	Hobbs Welding &BoilerService	·I B Johnston	Jul.27,1962	2	5	11	1	Fresh	In	Bug pit 8; stony clay 24; gravel 29; clay 30. Water from 24 to 29.
	London	City	London P.U.C.	International Water Supply Ltd.	Aug.24,1962	ío	,	**	•	11681	T	Topsoil 5;gravel sand 11;clay gravel 18;fine silty sand 26; silty clay 34;clay 55;dirty sand 68;clay 80;hard clay 93; shale 95. Water at 68.
	London London		J. Henry W. Springett	R. Hudson Radco WellDigging	Sep.15,1962 Sep.22,1962	36 30	2 3	6 28	5 23	Fresh	D,S	Sand 6; quicksand 8. Water at 5. Topsoil 1; brown sandy clay 17; brown sand gravel 23; gravel 26; grey sand 29. Water at 23 and 26.
26.5	London	City	London P.U.C.	International Water Supply Ltd	Nov. 9,1962	8					T 137-62	Dirty gravel 4:gravel clay streeks 17:gray clay 68:limestone.
	London			aster outpry Ded	Nov.12,1962	8					T 138-62	Dirty sand 7; grey clay 32; brown clay 37.
	London	City	**	*	Nov.13,1962	8					T 139-62	Dirty sand gravel 8; silty sand clay 23; brown clay 37.
	London	C1 ty	**	*	Nov.14,1962	8					T #0-62	Coarse dirty gravel 8; grey clay 39; brown clay 43.
	London	City	*	•	Nov.22,1962	8					T 141-62	Topsoil 6; boulders yellow clay 11; grey clay boulders 23; grey
	London	City	W		Nov.27,1962	8					T 142-62	Gravel boulders 17; dirty gravel clay 22; gray clay 62.
	London	City	•	*	Nov.29,1962	8					T 147-62	Dirty gravel boulders 17: brown clay boulders 69.
	London	City	R. Weir	R. Smith	Dec. 5,1962	7	10	83	77	Fresh	10	Stony hard brown clay 28; sand 60; hard stony gravel boulders 90; gravel 92. Water at 90.
	London	City	Somerville Ind	I. Lounsbury	Mar. 1,1963	5	41/2	35	35		D	Topsoil 1; gellow sand 7; hard yellow clay stones 15; blue clay
	London	City	D. Poole	HadcoWell Digging	Jun.14,1963	272	2	28	24	*	D	30;hardpan 92;gravel 95. Water from 92 to 95. Topsoil 1;brown clay 14;grey clay rocks 24;grey sand 30. Water from 24 to 30.
	London London London London	City	D. Sage W.N. Reichheld T.L. Enekes M. Wright	R. Hudson R. Smith I. Lounsbury	Jun.28,1963 Aug.21,1963 Sep. 3,1963 Sep.19,1963	36 5 5 5	10 12 12 6	14 45 42 12	11 38 36 6	Sulphur Fresh	D D D	Sand 16: Water at 11. Sand 13; hardpan boulders 99; black shale 100. Water at 100. Brown clay 18; blue clay 48; sand 56. Water at 48. Topsoil 3; yellow clay 12; blue clay 21; hardpan 27; gravel 37. Water from 27 to 37.
	London London		W. Clanahan H. Reinhart	J.H. Weaver & Son R. Smith	Oct.11,1963 Oct.12,1963	5	3	60	19 60	*	D D	Old well 20; brown clay 22; brown putty sand 40. Water at 19. Brown clay 20; sandy brown clay 51; hardban 57; blue clay 85; silty brown sand 112; coarse dark sand 124. Water from 112 to 124.

LOCA	TION	ì		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COL London City London City London City	- c			L. McGuffin Somerville Ind Ltd.	R. Hudson I. Lounsbury	Oct.22,1963 Oct.23,1963	36 5	5	18 34	14 34	Fresh	D D	Sandy gravel 16; clay 20; quicksand 21. Water at 14. Topsoil 1; brown gravel 6; hard clay 14; gravel 19; stones 23; hardban 60; boulders hardban 62; hardban 73; hardban 77; gravel 81. Water from 77 to 81.
London Twp.		lot	4	G. Chant	W. Dale	Oct.17,1963	5	7	39	2	Fresh	D	Sand 5;gravel 27;muddy sand 34;grey clay small stones 42;
Con B			3	G. Knott	H. Siegrist	Jun.23,1961	4	4	5	1		D	gravel 45; cley gravel 54. Water from 42 to 45. Topsoil 3; sand 8; cley 20; gravel bardban 34; black sand 35%. Water at 34.
Con B Con II Con II			3 1 1	F.J. Fuller T. Elliott Mathews Const.	R. Smith W. Dale	Jun.24,1961 Feb. 3,1961 Apr.26,1960	4 6 5	4 9 9	5 65 44	1 40 32		D D In	Water at 34. Sand 20; clay gravel 34; black sand 35%. Water at 34. Hard clay 15; brown sand 60; fine sand 75. Water from 60 to 75. Clay 5; clay gravel 46; gravel 50; clay gravel 69; sand 72. Water from 69 to 72.
Con II		×	9	S.S.# 2	R. McGeffey	Sep.20,1960	5	6	75	20	*	P	Topsoil sand 6; blue clay 50; fine sand gravel 55; gravel 104; silty sand 110; black shale 114; grey rock 135. Water at 84. and
Con II			24	H. Phillips	I. Lounsbury	Sep. 7,1961	5	10	65	44		D	134. Topsoil 1; yellow cley 17; blue clay 72; hordpan 76; gravel 79. Water from 76 to 79.
Con II		•	26	London P.U.C.	International Water Supply Ltd.	Feb. 9,1960	12	845	48	12	•	P	Topsoil 1; fine sand coarse gravel 20; coarse gravel sand 25; sandy grev clay 27; sandy grev clay gravel 36; sandy brown clay 38; coarse gravel clay 42; boulders clay 43; sandy grev clay gravel 50; soft sandy grey clay gravel 61; hard grey clay gravel 67; soft sandy grey clay coarse gravel 72; coarse gravel
Con III		•	8	C. Ireland	H. Siegrist	Jul.14,1961	5	4	80	56	Fresh	D	clay 75; gravel send 119½; silt hardpen. Water from 75 to 119½ Topsoil 50; sand 70; clay 72; hardpen 75; gravel 84; butty sand 89; gravel 91. Water at 91.
Con III Con III Con III			8 8 24	J. Wismiewski K. Williamson B. Campbell	R. Hudson H, Siegrist	Sep. 2,1961 Nov.18,1963 Jul.12,1960	36 5 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 59 60	3 50 50	:	D D D	Sand 4; blue clay stones 10. Water at 10. Gravel stones 63. Water at 63. Topsoil 1; clay 85; sand 86; hardpan 108; gravel 110. Water at
Con III			24	P.J. 011ver	W. Dale	Nov.23,1961	5	7₺	38	25		D	110.  Brown clay 10; blue clay 17; clay gravel 53; clay 65; clay gravel 88; muddy sand 90; gravel 93. Water from 90 to 93.
Con III		•	24	J. Richardson		Aug.10,1962	5	10	52	21		D,S	Subsoil 3; brown clay 11; grey clay 30; muddy send 33; muddy gravel 35; clear gravel 39; clay gravel hardban 79; rock 86;
Con III		•	24	H. Gram	•	Aug.21,1962	5	7	30	25		D,S	middy coarse gravel 90; clear gravel 98. Water from 86 to 98. Topsoil 3; brown clay 12; grey clay stone 20; grey muddy stone clay 28; gravel hardonn 52; fine muddy sand 55; clay 'ine sand
Con III		•	24	F.J. Oliver	I. Lounsbury	Aug.15,1963	5	3	45	25	•	D	98; clay 105; coerse gravel 110. Water at 20. Yellow clay 12; blue clay 45; hardban 48; blue clay 67; gravel. Water at 67.
Con III Con III			24 25	J. Merrifield A. Madeley	R. Hudson H. Siegrist	Sep. 20,1963 Sep. 2,1960	36 5	5	73	40	Fresh	D	Brown clay 10; blue clay 30; sandy clay 34; hardpan 38. Dry hole. Topsoil 2; yellow clay 18; grey clay 45; gravel 47; clay 94; fine
Con III			26	W. Burns	I. Lounsbury	Jan.11,1961	5	4	30	17		D,S	sand gravel 95. Water at 95. Brown sand 11;gravel 12;blue clay 65;gravel 66. Water from 65
Con III			28	H. Simms	J.B.Johnston	Nov.10,1961	4	3	75	26	*	D	to 66. Toosoil 2; red clay 14; blue stony clay 32; fine send 38; blue
Con III			28	O. Schroeder	I. Lounsbury	Jul. 5,1961	4	4	90	40		D	gritty clay 75; gravel sand 86; blue clay 87. Water at 75. Old well 25; blue clay 55; dirty grey sand 72; hardonn 76; dirty ffine grey sand gravel 97; gravel 103. Water from 97 to 103.
Con III			28	H. Simms	J.B. Johnston	May 26,1962	5	3	48	36	•	D	Topsoil 2; red clay 12; blue stony clay 31; sand fine gravel 82; blue gritty clay 95; gravel sand 102. Water at 95.

MJ	DDLE	SEX COUNT	ry -	cont										
I	ondo Con	n Twp III		29	W. Davies	W. Dale	Jun.22,1961	5	10	114	105	Fresh	D	Subsoil 5; clay gravel 24; blue clay 40; gravel clay 85; gravel
	Con Con			30 7	R. Smith G. McGuffin	R. Smith E.B. Hussey	Aug.18,1960 Jun.19,1963	4 4	2½ 10	75 29	50 20		D D	sand 122; sand 125. Water from 122 to 125. Hard brown cley 28; sand 40; hardoen 80; gravel 80½. Water at 80. Sandy clay 5; sand gravel 16; clay gravel 35; hardoen 50; gravel 58; brown limestone 64. Water from 62 to 64.
	Con Con Con Con	IA		8 9 9	H. Berrisford J. Breen S. Zuhko J.H. Corseut	H. Siegrist R. Smith H. Siegrist	Jul.22,1960 Nov. 8,1963 Jul.29,1960 Aug.10,1960	5 7 4 4	61 15 6 6	25 17 12 35	25 16 10 30		D D D	Gravel stones 18; clay 30; gravel 43. Water at 43. Gravel 20; clay 45; gravel, Water at 45. Topsoil 2; mixed gravel sand stones 35. Water from 32 to 35. Topsoil gravel 13; stones 18; gravel 30; sand 42; clay 59; hardban
	Con	IA	*	10	London P.U.C.	International Water Supply Ltd.	Dec. 5,1962	10					T 143-62	64; shale 65. Water at 65. Coarse sand gravel boulders 10; sandy blue clay gravel 40; blue clay gravel 61; gravel blue clay 68; blue clay gravel 73; soft
	Con	IV		10	-		Dec. 7,1962	10					T	clay 78.  Coarse sand gravel small boulders 10; sandy clay blue clay  Gravel 52; sandy clay gravel 70.
	Con	IV	**	10	•	**	Dec.12,1962	10					T	Coarse sand grovel small boulders 12; sandy clay 20; sandy clay blue clay grovel 50; sandy clay rovel f6; hard clay grovel f8.
	Con	IV		10	•	*	Dec.18,1962	10					T	Coarse sand gravel small boulders clay 18; clay gravel 20; sandy clay blue clay gravel 47; cemented gravel boulders 62;
	Con	IV		24	E. Quinney	W. Dale	Nov.13,1961	5	7	31	19	Fresh	D	grey shale 68.  Brown clay 10; blue clay 17; clay gravel 50; clay 61; clay gravel 70; cemented gravel 89; muddy gravel 96; gravel 98.
N	Con	IV	•	24	G. Morris	at a	Jun. 7,1963	5	9	28	19		D	Mater at 98. Fill 4; brown clay 15; sand gravelly clay 30; gravel clay 60;
67	Çon Con	IV	"	25 25 25		H. Siegrist R. Hudson	Sep.16,1960 Jul.15,1961 Jul. 7,1962	5 36 36	4 3 1	40 10	30 7	**	D D	cemented gravel 96; gravel 90. Water from 86 to 90. Topsoil 1; soft clay 20; hard clay 59; sand 60; Water at 60. Hard clay 6; sand 10; blue clay 15. Water at 7. Brown clay 12; blue clay 33; sand 34. Water at 33.
	Con	IA	**	25	E. Harris	S. Earl	Oct.25,1963	4	5	33 35	22	*	D	Clay 2; stone 4; grevel clay 20; send 29; sandy clay 41; hardban 63; grevel 66; hardban 70. Water from 63 to 66.
	Con			25	G. Kimball	R. Hudson	Dec. 9,1963	36	1 2	30	26		D	Brown clay 8; sendy clay 12; blue clay 30; nuicksand 334. Water at 30.
	Con		*	27 27	H. Shantz A. Burt	I. Lounsbury	May 29,1962 Sep. 4,1962	36 5	20 4½	14 40	10 34	n	D D	Hard clay stones 14;gravel 16. Water at 14. Black loam 3;yellow clay 14;blue clay 20;grey sand 30;blue clay 54;hardpan 99;gravel 100. Water from 99 to 100.
	Con Con		**	27 28	R. Paton H. Elson	R. Hudson I. Lounsbury	Dec.26,1963 Aug. 4,1961	36 7	1 ½ 11	14 110	10 63	*	D,S	Sand 9; blue clay 12; gravel 15; h rd blue clay 16. Water at 10.
	Con	IA	**	29	B. Beech	W. Dale	Jun. 5,1961	5	4	52	40		D	Toosail 4; clay gravel 40; soft clay sand 60; clay gravel 107; gravel 111; hardban cemented gravel 190. Water from 107 to 111.
	Con	IA	"	29	B. Orendorff	Hadco WellDigging	Sep.18,1961	30	5	49	38	•	D	Topsoil 1; send brown clay 13; light blue sandy clay 28; boulders 29; blue clay 38; sandy gravel 42; blue clay 47; blue fine send 49. Water at 38 and 47.
	∞n	IV	**	30	J. Dann	J.B.Johnston	Apr. 5,1962	4	2	118	82		D	Topsoil 2; red clay 18; blue clay 39; gravel 78; stony clay 114; gravel 116; grey shale 120. Water at 114 and 119.
	Con	v	**	6	Dr.D.G. Steer	I: Lounsbury	Sep.28,1960	5	4	37	27	*	D	Old well 17;grevel 19;hardban 80;gravel 82. Water from 80 to 82.
	Con Con		H	9	J. Kruyssen F. Frank	H. Siegrist E.B. Hussey	Jul.20,1960 Jul.19,1963	4 4	4 8	18 21	14 17		D D	Topsoil 1; clay stones gravel 55; gravel. Water at 55. Sandy clay 10; blue clay 16; gravel clay 38; blue clay 46; gravel
	Con	v	*	9	K. Sorkos	*	Jul.16,1963	4	8	21	16½	*	D	49; clay sand 58; gravel 63. Water at 58 and 63. Sandy clay 10; hardban 21; clay gravel 46; gravel 47; clay gravel 50; stone 54; sand gravel 57; gravel 60. Water from 57 to 60.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING		STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESE London Con V		cont		R.B. Rea	H. Siegrist	Jul.20,1963	5	6	12	12	Fresh	D	Topsoil 2; brown clay 20; gravel sand 25; blue clay 80; sandy
Con V		**	16	H. McLure	R. Smith	Aug.19,1960	2	10		21	*	D	gravel 87; blue clay 102. Water at 102. Brown clay 16; hard stony clay 22; sand clay 45; clean sand 55. Water from 45 to 55.
Con V		"	16 16	R. James L. Brooks	I. Lounsbury	Aug.20,1960 Aug.26,1960	2 4	12 4	38	18 28	*	D D	Clay 8; sand 24; sand 58. Water at 24. Topsoil 2; yellow clay 9; blue clay 28; brown sand 48; sand 70. Water from 48 to 70.
Con ♥		**	16	H. McLure	R. Smith	Aug.28,1962	.5	10	150	130	*	D	Brown clay 30; sand 70; blue clay 90; hard clay stones 98; gravel 99;
Con V Con V Con V Con V		n n	16 16 16 17	P.H. Davies E. Browne R. Starling E.V. Rippingille Jr	I. Lounsbury	Apr. 8,1963 Sep.15,1963 Sep.16,1963 May 10,1963	5 4 7	10 9 7½ 5	40 30 30 170	36 30 30 90	# # #	D D D	Clay 24; send 36; send 51. Water at 36. Yellow clay 12; blue clay 30; send 45; Water from 45 to 60. Yellow clay 15; blue clay 22; send 40. Water from 40 to 52. Topsoil 2; fill 3; yellow clay 12; blue clay 40; fine send 80; blue clay 90; fine gray send 98; hardown 158; boulders 162;
Con V		"	21	Supertest Pet- roleum Corp.	Hadco WellDigging	Sep.14,1962	271	3	38	18	**	D	conglamerate 220; limestone 223. Water from 220 to 223. Topsoil 1; brown clay 8; blue clay 18; blue sand 36; blue clay 40. Water at 18.
Con V		*	25	W.F. Keays	I. Lounsbury	Jan. 6,1961	5	4	40	35	н	D,S	Topsoil 2; blue clay 18; gravel stones 25; blue clay 68; gravel 73. Water from 68 to 73.
Con V			25	S. Hornyak	R. Smith	Aug.10,1961	5	15	30	14		С	Brown clay 30; fine sand 50; blue clay 70; sand 90; coarse sand 94. Water from 90 to 94.
on V		н	25	. 19	19	Oct.10,1963	5						Hard clay stones 60; streaks fine sand 60; hardoan 140. Dry hole.
Con V Con V Con V Con V		"	25 27 27 27	C. Noxall P. McNorgan D. Snelgrove	R. Hudson	Oct.14,1963 Sep. 7,1963 Sep. 7,1963 Nov.21,1963	5 36 36 5	12 15 2 4	18 7 10 65	15 6 6 48	Fresh	D,S D	Hard clay stones 44;gravel sand 47. Water at 44. Brown clay 2;blue clay 5;gravel 10. Water at 6. Brown clay 4;sandy gravel 8;hard blue clay 12. Water at 6. Topsoil 1;fill 3;yellow clay stones 15;blue clay 52;hardon
Con ∇			28	C. Pulham	H. Siegrist	Mar. 7,1960	5	3	155	75	*	D	91; sand 97; gravel 98. Water from 91 to 98. Topsoil brown clay 10; blue clay 20; brown clay stones 50; brown clay 150; hardban 120; clay 174; sand clay 175. Water at 175.
Con V Con V Con V		**	29 31 32	T. King J. Brown P. Goudswaard	R. Hudson	Aug.12,1961 Aug.19,1961 May 23,1963	36 36 35	1½ 6 3	36 24 24	32 20 14	# #	D D	Blue clay 38; stones blue clay 50; sand. Water at 50. Clay 22; sandy clay 24; blue clay 29. Water at 24. Brown clay 12; sandy clay 14; blue clay 26; fine sand 28. Water at 26.
Con VI		n	2	J. Bere	M. Jones	Oct.18,1963	5	10	50	40	**	D,S	Clay stones 40; clay hardman 50; fine sand 60; coarse sand 62. Water at 60.
Con VI	e K		8	T. VanDop	H. Siegrist	Dec.12,1963	5	4	40	18	,,	D	Sandy clay 1; gravel sand 30; coarse gravel 55. Water from 55 to 57.
Con VI Con VI		*	9	H. Cambridge L.G. Scott	R. Hudson	Apr.28,1962 Oct.15,1963	36 36	2 ≺½	8	4 8		D D	Topsoil 1; sand 5; blue clay rocks 10. Water at 4. Sand 4; blue clay 8; sand 9; hard blue clay 16. Water from 8 to 9.
Con VI		*	10	W. Bateson	Kimberley Well Drilling Co. Ltd.	Jul.23,1962	6	12	60	10		D	Old well 20; stony clay 48; fine sand 54; clay 70; coarse gravel 72. Water at 70.
Con VI		**	10	K.A. Eaton	H. Siegrist	Feb.14,1963	4	5	40	16	n	D	Topsoil 1; clay 30; sand 40; stones clay 55; sandy clay 70; hard posched sand grovel 86; Water at 88.
Con VI Con VI Con VI Con VI		" "	12 14 14 14 14	F. McGuffin R. Herlick C. Crouch R. Hodgins F.H. Cole & G.H. Jack	R. Hudson J.H. Weaver & Son	Oct.15,1963 Feb.19,1963 Feb.25,1963 May 23,1963 Jun. 7,1963	36 1 1 1 1	4 8 8 8 9 13	12	9 14 20 20 22	19 18 18 19	D,S D D D D	Hard brown clay 10; fine sand 12; coarse sand 17. Water at 10. Old well 17; sand 35. Water at 14. Old well 22; gravel 33. Water at 20. Brown clay 20; coarse aravel 26; coarse sand 34. Water at 20. Old well 25; brown sand 40. Water at 22.

	IDDLESEX				•									
2	Condon To Con VI Con VI	wp	lot	15	G. Wearring D.B. Weldon	R. Smith I. Lounsbury	Apr. 5,1963 Mar. 4,1960	5	10	90 48	70 44	Fresh	D D	Old well 25; clay streaks send 138; gravel 141. Water at 136. Fill 2; topsoil 4; yellow clay 22; brown send 44; hardban 60; blue clay 95; hardban 145; gravel 146. Water at 146.
	∞n VI ∞n VI			16 24	H. Leitch T. Elderhorst	R. Hudson Kimberley Well Drilling Co. Ltd.	Jul.21,1962 May 1,1962	36 6	2 5	20 78	10 35	,	D D	Brown clay 14; blue clay 16; sand 22. Water at 16. Clay 18; stony clay 42; coarse gravel 60; suicksand 63; stony clay 100; cravel 103. Water at 103.
	Con VI		н	24	O.C. Clare	R. Hudson	Aug.20,1963	36			4	*	D	Brown clay 10; blue clay 15; sandy blue clay 24; hard blue clay 28. Water from 15 to 24.
	Con VI Con VI			26 26	G. Webb	R. Smith	May 19,1960 Apr.12,1961	2 5	4 5	120	30 70	:	D,S D,S	Clay 34; fine gravel 38. Water at 34. Previously drilled 35; hardonn streaks sand 130; sand 132; hardonn 160; sand gravel 162. Water at 160.
	Con VII		ж	3	A. McGaffin	Steinman & Baird	May 15,1962	4	12	48	25	Sulphur	D,S	
	Con VII Con VII		*	7 7	N. Lewis C. Powell	C.& H. Kerr R. Hudson	Jul.23,1960 Jun.24,1961	4 <del>1</del> 36	15 1	85 20	90 16	Fresh	D,S	Clay boulder 120; hardban 160; grey limestone 193. Water at 190. Clay 4; blue hard clay 18; gravel 20; hard blue clay stones 28. Water at 20.
	Con VII Con VII		*	13 16	W.E. Kieser M. P.Fallon	J.H.Weaver & Son D.&S.Drilling	Nov.24,1960 Jan.20,1960	5	8	110	15 25	-	ם	Old well 20; fine grevel 33, Water at 15. Topsoil 2; yellow oley stones 15; coarse gravel 25; coarse gravel sand 52; hardoen boarse gravel 137; coarse dark sand 139;
	∞n VII		*	16	Can.Imperial BankofCommerce	W. Dale	Jul.13,1962	5	10	56	54	*	ם	hardoon blue clay 145. Water at 137. Fill subsoil 14;gravelly clay 26;sand 32;cemented gravel clay 135;gravelly clay 152;sand gravel 167;muddy sand 168. Water from 152 to 167.
	Con VII		W	16	B. Morrow	R. Hudson	Sep. 8,1962	36	1 2	28	26	*	מ	Brown clay 12; sandy clay 15; blue clay 26; sand 29. Water at 26.
269	Con VII		н	17	J. McClary	W. Dale	Peb. 4,1960	5	9	48	45	"	D	Clay gravel 32; sandy clay 55; silty sand 75; sand 81. Water from 78 to 81.
	Con VII		11	18	D.B. Weldon	I. Lounsbury	Nov. 5,1963	7	4	50	50	197	D	Dug well 16; blue clay 28; gravel 32; blue clay 65; clay gravel 71; gravel 72. Water from 71 to 72.
×	Con VII Con VII Con VII		*	27 27 27	D. Keays A.N. Sobie D. Keays	R. Hudson "I. Lounsbury	Apr.13,1963 Jun.22,1963 Oct.29,1963	36 36 5	19 12 4	24 8 37	23 5 37	**	D D	Enown clay 12;gravel stones 24. Water at 23. Clay 2;stone 4;blue clay 9;gravel 10. Water at 5. Yellow clay 8;hardpan 19;gravel 28;sand 62;gravel 63. Water from 49 to 63.
	Con VIII	I		6	J. Mathers	*	Nov.2, 1961	5	12	93	41		D	Old well 34;hardpan 126;hard grey limestone 133. Water at 128.
	Con VII	I	w	9	J.R.McCullough	H. Siegrist	Aug.18,1960	5	5	50	40	88	D	Topsoil 2; clay 20; hardpan 70; sandy gravel 74; fine gravel 75. Water at 75.
	Con VII	I		9	K. Stainton	J.B. Johnston	Jun.13,1961	5	5	65	39	*	D	Old well 25; blue stony clay 33; blue gritty clay 84; gravel hardpan 102; fine gravel 107; grey shale 110. Water at 102.
	Con VII	I	*	9	F. Barfoot		Aug.18,1960	5	2	100	39	**	D	Red clay 13; blue clay boulders 91; hard gravel 100; gravel sand 108; blue clay 121. Water from 100 to 108.
N.	Con VIII Con VIII Con VIII Con VIII	I I I	99	11 16 20 20 21	B. Cameron	R. Hudson	May 21,1962 Apr.24,1963 Nov. 2,1961 Oct. 4,1963 Nov.11,1963	36 36 36 36 5	20 1 1 1 7	34 12 30 38 50	18 4 22 34 19	**	D D D,S	Brown clay 10;gravel 18; blue clay 34. Water at 18. Topsoil 2; light clay 5; hard blue clay 16. Water at 16. Hard clay 18; sandy blue clay 25; running sand 32. Water at 25. Brown clay 15; blue clay 30; fine sand 43. Water at 34. Topsoil 1; yellow clay stones 8; blue clay 18; grey sand 72; hardpan 79; gravel 80. Water from 79 to 80.
	Con VIII			25 28	T. Murphy W. Rowson	R. Hudson I. Lounsbury	Sep.28,1963 May 18,1960	5	4	90	42	Fresh	D	Brown clay 15; stones blue clay 22; blue clay 50. Dry hole. Yellow clay 10; gravel 19; fine gravel 58; hardpan 75; blue clay 115; sand 120; herdpan 124; gravel 126. Water at 126.
	Con IX		*	6	C. Morland	Steinman & Baird	Jun.24,1963	5	20	65	55	•	D,S	Sand clay 15;gritty clay 65;gritty bardoan 89;gravel 95. Water from 93 to 95.
	Con IX			9	R.E. McFarlane	HadcoWell Digging	Dec. 5,1960	30	4	29	16	*	D	Toosoil 1;brown clay 16;gravel 18;grey clay rocks 29. Water from 16 to 18.
						I.	× .		1			1	1	

	LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	IDDLESEX COUN London Twp Con IX Con IX			C. Fish C. Bloomfield	R. Hudson	Jul.14,1962 Apr. 6,1963	36 36	2 1	22 37	15 30	Fresh	D D,S	Gravelly clay stone 15;blue clay 22;sand 24. Water at 22. Brown clay 12;blue clay 30;grovel 32;hard clay 38. Water at 30.
	Con IX Con X	"	29 4	E. Bloomfield A. Gowan	steinman & Baird	Dec.24,1963 Sep. 8,1962	36 4	2 12	28 64	25 51	*	D,S D,S	Brown clay 20;grsvel 25;send 30. Water at 25. Clay stones 29;grsv clay 90;gritty grey clay 104;brown clay 124;grsvel 128. Water at 128.
	Con X	*	5	L. McLeod	W. Dale	Feb.15,1963	5	9	62	60		ם	Gritty brown clay 29; dirty gravel sand 52; gritty clay 125; gravel 127. Water at 127.
	Con X	**	10	H. Saunders	Steinman & Baird	Nov. 1,1962	5	19	55	50		ם	Stony hardban 45; clay 50; gritty clay 80; coerse gravel 90.
	Con X Con X	10	13 16	J. C. Carmichael Upper Medway Realty	R. Smith R. Hudson	May 2,1963 Oct.22,1963	5 36	10	135	70 14	*	D,S	Hard stony clay hardpan 130; sand 148. Water from 140 to 148. Brown toosoil 14; auicksand 16; blue clay 23. Water at 14.
	Con X	*	23	G. Ardy	99	Jul. 5,1963	36	2	20	14	*	S	Topsoil 2; brown clay 8; sandy clay 14; blue clay 18; sand 24.
270	Con X	***************************************	23 24 24 24 24 25 25 27	M.C. McKeen G. Higgs M. Charlton W.J. Hunt A. Oosterman B. Scott D. Hodgins W.H. Pike M.A. Burns C. Bloomfield	R. Smith R. Hudson " R. Smith R. Hudson H. Siegrist R. Hudson	Oct. 6,1963 Jun. 1,1960 Aug. 3,1960 Jun. 3,1963 Jun. 30,1962 Sep. 3,1962 Jsn.25,1961 Oct. 7,1963 May 15,1960 Aug.17,1962	5	4 5 12 15 3 5 2 3 3 5	18 22 18 20 24 18 132 49 37	14 17 8 13 17 9 85 47 37	99 66 69 69 69 69 69 69 79	D,S D,S D	Brown cley 9; blue clay 15; send 20. Water at 15. Brown cley 28; blue clay 34; send 36. Water at 34. Clay 6; sandy clay 10; blue clay 20. Water at 20. Brown clay 10; blue clay 24; hard sand 26. Water at 26. Brown clay 12; ouicksand 13; blue clay 22; sand 26. Water at 22. Brown clay 10; blue clay 22; sand Water at 22. Clay 60; hard clay 133; gravel 135. Water from 133 to 139. Brown clay 15; blue clay 50. Water at 53. Brown clay 15; blue clay 22; gravel 23; blue clay 34; sand 35; blue clay 38. Water at 53. Brown clay 15; blue clay 22; gravel 23; blue clay 34; sand 35; blue clay 38. Water at 34.
	Con X Con X Con XI	***	29 29 9	G.M.Bloomfield A. Ferguson	m m	Oct.25,1963 Oct.29,1963 Dec.18,1963	36 36	2	20	14	Fresh	D,S	Brown clay 15; blue clay 30. Dry hole.  Brown clay 9; fine gravel 22. Water at 14.  Brown clay 6; hardown stones 18. Dry hole.
	Con XI		12	K. Mitorij	H.Siegrist	Oct. 4,1962		4	65	51		D,S	Topsoil 1;herdpen 20;cley 40;herdpen 69;stone gravel 97; rock gravel 120;h rdpen 137. Water at 137.
	Con XI		13	R. Cambridge	W. Dale	Oct.26,1961	5	5	140	100		D	Clay stones 31;hardoan 79;grey clay 114;clay gravel 143; sandy clay 162;grey brown limestone 181. Water from 172 to 181.
	Con XI	m	14	S. Pate	H. Siegrist	Apr. 1,1961	4	5	100	70		D	Stones clay 12; brown clay 65; stony hardpan 82; sand stones 100; hardpan 172; sand gravel 173. Water from 172 to 173.
	Con XI	*	14	J. Blewetts	W. Dale	Sep.26,1961	7	6	41	37		D	Sand gravel clay 11; clay stones 25; hardban 39; sandy clay 74; blue clay 83; gravel 85.
	Con XI Con XI	**	16 17	K. Roberts Bel-Mor Farms	R. Hudson W. Dale	Mar. 9,1962 Jun.11,1962	36 7	60 10	10 90	41 36	*	D,S	Topsoil 1;hard have clay 10;gravel 14. Water at 10. Clay stones 25;sand clay 29;sand 34;clay boulders 45;cemented gravel 63;sand gravel 66;cemented gravel 157;sand gravel 169; brown limestone 173. Water from 171 to 173.
	Con XI.	**	17	Bethyl Church	R. Hudson	Oct. 3,1962		5	13	12	:	D	Hard clay 12; sand 16. Water at 12.
	Con XI		19 25	G. Burchall F. McKinley	N. Steinman	May 12,1962 Jun.13,1960		1	22	12		3	Brown clay 8; blue clay 16; auicksand 22. Water at 18. Stones brown clay 16; blue clay 68; large boulders rock 72; blue clay 86; harden gravel 94; brown clay 120; sandy gravel 122;
	Con XI	H	25		•	May 29,1960	4						brown clay 170; hardban 174; brown clay 195. Dry hole. Brown clay stone 16; blue clay 69; boulder 72; blue clay 96; hardban gr vel 94; brown clay 120; sandy gravel 122; brown clay
	Con XI		25	Presbyterian Church	R. Smith	Aug. 6,1961	5	4	145	90	Fresh	P	170; gravel hardpan 174; brown clay 1°5. Dry hole. Brown clay 26; blue clay 90; hard clay 148; dirty sand 153. Water from 149 to 153.

	0011 AL	100	, 25	Co.	2320	p , , , , , , ,	,		200	1,0	Dulphul	•	185; cemented gravel 213; soft limestone 222. Water at 222.
	Con XI		25	Elderton Community Hall	R. Hudson	Oct.10,1963	36			12	Fresh	P	Brown clay 10; sandy clay 20; blue clay 30. Water at 12.
	Con XI	*	26	N.St.Cyr	H. Siegrist	Jun.22,1960	5	7	31 28	31 26		P	Topsoil 2; clay 35; hardon 44; or vel 45. Water at 44.
	Con XI		28	D. Evans	J.B.Johnston	Jun.23,1960	4	3	28	26		D	Topsoil 1; red clay 14; blue clay 21; send 25; blue clay boulders 58; grayel sand 63; blue clay 65. Water from 58 to 63.
	Con XI Con XII		29	E. Hord Twp.School	R. Hudson J.B.Johnston	Aug. 4,1961	36	5 30	16	12 168	Sulphur		Hard clay 12; sand 20. Weter at 12.
	₩ XII	- 17	9	Area No. 1	J.B.Jonnston	Apr.22,1960	*	٥٠		100	Sulphur	P	Topsoil 1; red clay 4; gravel 6; blue clay 28; sand gravel 32; blue stony clay 117; hardpan 132; stony clay 147; hardpan gravel
	Con XII		9	Masonic Hall	R. Hudson	Jul.14,1962	36	1	16	Dr.	Fresh		155; grey limestone 300. Water at 250 and from 260 to 300.  Brown clay 3: hard blue clay 14: silty clay 15: stones blue clay
							5	~		4			16. Water at 14.
	Con XII	**	10	D. Kennedý	R. Smith	May 12,1962	5	12	105	100	*	D	Stony hard clay 130; hardpan 135; sand 150. Water from 135 to 150.
	Con XII		13	H. Slight		Jul.10,1962	5	10	130	110	Sulphur	D	Hard stony clay 150; silty gravel 160; brown limestone 1~5.
	Con XII		17	J.H. Donaghey	J.B. Johnston	Apr. 4,1961	4	5	66	58	Fresh	D	Water from 150 to 160 and at 174. Fill 3; red clay 8; blue clay 30; send 36; blue stony clay 132;
			* /			npre ijiyoz		1		,,,		-	muddy sand 145; hardpan gravel 154; blue gritty clay 168; gr vel
	Con XII		20	H. Filson	R. Hudson	Dec. 5,1963	₹ .					N	sand 175. Water at 168. Brown clay 18; sandy clay 24; hardban stones 32. Water at 20.
	Con XII	20	21	19		Jul. 1,1961	36	10	20	15	Fresh	D	Brown clay 20; grovel 24, Woter at 20.
	Con XII		30	E. Hord J. Corsaut	R. Smith	Jun.29,1963 Apr. 1,1961	36	5	20 65	18 55	"	D.S	Brown clay 11; blue clay 20; gravel 22. Water at 20. Stony clay 30; fine sand 40; hardpan 65; silty sand 25; hardpan
271							1	_	رد			2,5	96; sand gravel 100. Water at 41.
71	Con XIII		2	W. Bilyea W.S. O'Neil	R. Hudson C.& H. Kerr	Jul. 1,1963 Jul. 5,1960	36 5⅓	8	220	27 190	10	D,S	Brown clay sandy streaks 12; blue clay 30. Water from 6 to 12. Boulder clay 65; stony clay 92; soft clay 95; boulder clay 130;
			-							16			grey rock 270. Water from 260 to 270.
	Con XIII	**	16 19	G. Adams D. Eedy	R. Hudson	Sep. 2,1963 Nov. 9,1961	36	5	16 103	13	**	D,S	Brown clay 131; sand 15; blue clay 20. Water at 13. Topsoil yellow clay 14; blue clay boulders 30; gritty clay 43;
	Will Kill		17	D. Bedy	A.A. MOSI	100. 9,1701	7	"	10)	7.4			gravelly clay 77; gritty clay 108; gravel 112. Water from
	Con XIII		24	C. Pedersen	R. Hudson	Dec.22,1962	36			3		D	108 to 112.  Brown clay 10:blue clay 34:stony clay 36: Water from 34 to 36.
	Con XIV		8	Devises Cheese		Jan.21,1960	7	20	200	170	Sulphur		Black topsoil 2; yellow clay 10; blue clay boulders 19; blue
				& Butter Co.									clay 52;hardman stones 69;hardman 168;limestone 300. Water from 240 to 300.
	Con XIV	19	14	A. DeKort	W.D.Hopper & Sons	Oct.25,1963	4	6	205	200	Fresh	D,S	Topsoil 1; yellow clay 10; hardpan 1°5; limestone 1°9; brown
	Con XV	w	5	H. Bludau	H. Siegrist	Nov. 8,1963	4	L	208	197	**	D.S	limestone 227. Water from 215 to 227. Topsoil sand gravel 1; sandy hardpan 20; clay gravel stones 40;
			-					7	200	197		5,0	sandy clay 80; clay stones 1611; brown rock 212. Weter at 205.
	Con XV Con XV	n n	1	H. McNorgan B. Rudd	R. Hudson	Sep. 3,1963 Dec.13,1963	36 36 36 36 36						Gravelly clay 6; blue clay 30; Dry hole.  Brown stony clay 10; stones blue clay 24. Dry hole.
	Con XV	10	28	M. Ryckman		Sep. 8,1961	36	15	26	26	Fresh	D	Hard clay 12; shale rock 13; gravel 30. Water at 26.
	Con XV			A. Rosser D. Millson	*	May 5, 1962	36	20 15	28 16	26 16		D	Clay 9; stones clay 10; gravel 30. Water at 26.
	Con XV Con XV			D. Milison		Sep. 9,1961 Dec. 3,1963	36 <del>1</del>	5	10	7		D	Sendy soil 6; blue clay 16; gravel 18. Water at 16. Brown clay 12; gravel 13. Water at 12.
	Con XVI		10	R. Scafe		Oct.19,1963	36	5 1½	12	8		D	Brown clay 10;gravel 11;blue clay 18. Water at 10.
	Con XVI		24	W. Ainge		Jun.29,1962	36	2	18	5		D,S	Topsoil 2; brown clay 6; blue clay 16; gravel clay 20. Water at 16.
	Con XVI	**	17	J. Rydall	, m	Dec.21,1962	36			6		D	Brown clay 18; sandy clay 20; hard blue clay 28. Dry hole.
								1					

Apr.17,1963 5 6 200 170 Sulphur P Brown clay 18; gritty grey clay 172; sand 174; hardban 183; sand

72 Sulphur P Clay 146; hardpan 154; clay 161; limestone 170. Water at 167.

MIDDLESEX COUNTY -cont.

McGillivary Twp. CRW Con VII lot 6

D.H.O. Garage C.Goodberry Well Mar. 5,1960 Drilling Ltd.

London Twp. - cont. Con XI lot 25 | Bell Telephone W. Dale

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

90

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	LOCAT	ION	í		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	IDDLESEX COUNT CGillivary To Con I	WD	cont		B. Aitkins	W.D. Hopper aSons	Oct.18,1963	4	7	295	290	Fresh	D,S	Topsoil fill 3; sandy clay 15; blue clay 35; hardpan 101; loose rock 104; grey limestone 150; yellow limestone 290; brown
	Con I	*	11	1	P. Febery	•	Jul.20,1963	4	7	290	285	*	D,S	limestone 320. Water from 290 to 320. Gravel 1; sandy yellow clay 10; blue clay 25; fine gravel 30; hardoan 110; rock 112; grey limestone 150; yellow limestone 285; brown limestone 315. Water from 285 to 315.
	Con II		14	1	Lynn Bros	•	Feb.26,1963	4	9	90	96	Sulphur	S	Fill 1; yellow clay 15; coerse grovel 18; hordpan 97; rock 101; grey limestone 140, Water from 136 to 140.
	Con II		22		A. Bice	C. Warren	May 14,1962	5	5	52	40	Fresh	D,S	Gray 11 mestone 140. **ster from 130 to 140. Clay 32; hard gravel 34; muddy sand 38; clay gravel 62; gravel 64. Water from 62 to 64.
	Con II	(**	24	1	J. Qunningham	Hadco WellDigging	Oct. 6,1960	271	11	20	20	-	D,S	Topsoil 2; brown clay boulders 17; gravel 20; brown clay 25. Water at 20.
	Con II		24			W.D. Hopper &Sons	Oct.27,1961	5	10	51	50		D,S	Topsoil 1; yellow clay 12; blue clay 22; hardpan 87; hard gravel 95. Water from 87 to 95.
	On III		20	E	R. Cunningham		Jul.14,1962	4	?	270	267	•	D,S	Topsoil fill 3; yellow clay 15; blue clay 48; outcksand 55; hardpan 118; loose rock 120; hard brown limestone 200; yellow limestone 267; brown limestone 296. Water from 267 to 296.
	Con III	*	22	F	H.B. McFalls	C. Warren	May 16,1962	5	8	55	41		ם	Gravelly loam 15; hard clay gravel 48; gravel 52; hard clay gravel 60; gravel 62. Water from 60 to 62.
	Con IV	•	8	C	G. Thompson	A.A. Heal	Apr.30,1962	4	L,	66	54	1.	D,S	Wellow topsoil 14;gravel 15;blue clay 22;bonlders 24;clay 44; gravelly clay boulders 56;loose limestone 64;rock mud streaks 70;clay 88;gravelly clay 90;rock mud streaks 95;limestone 98. Water at 97.
	Con IX	*	8	F	H. Penton		Nov.23,1962	5	4	65	56	*	D,S	Tellow topsoil 8; sandy clay 10; clay 35; sandy clay 38; clay 44; boulders clay 60; gritty clay sand 88; loose limestone 91. Weter at 90.
	Con IX	*	19	i	J. Morgan	E.B. Hussey	Aug. 2,1963	4	10	13	13	*	D	Tellow clay 10; blue clay 20; sandy clay 22; blue clay 30; sandy clay gravel 43å; streaks brown limestone clay gravel 62; gravel 65. Water from 62 to 65.
	Con X	•	11		G.A. Lee	A.A. Heal	Jan.23,1963	4	6		425	•	D	Topsoil yellow clay 20; blue clay 45; gritty clay houlders 90; gritty clay 101; coarse sand 105; hardpan 124; limestone 440. Water at 103 and from 435 to 446.
	∞n XII		14	F	K. Robinson	•	Apr.13,1962	5	6	205	2,05		D,S	Yellow topsoil 15; blue clay 55; gravel 57; blue clay 77; gritty clay 98; loose limestone mud streaks 126; limestone 220. Water at 215.
	Con XII Con XVII		19 24		G. Amos H. Carey	R. Hudson W. Marsh & Sons	Sep. 5,1963 Jun.21,1963	42 5	5	133	133	•	D,S	Brown clay 15; blue clay 35; Dry hole. Brown clay stones 20; blue clay stones 20; mild hardon 130; cemented gravel 135; broken limestone 138; brown limestone 143. Water at 143.
	Con XXII	*	7		J. Dennis	A.A. Heal	Oct.31,1962	3	2	73	70	Sulphur	D	Toosoil yellow clay 14; blue clay 124; limestone clay 135; blue clay 147; limestone 148. Water from 147 to 148.
	NB		3	F	H. Swartz	E.B. Hussey	Nov.20,1963	4	2	93	40	Fresh	D	Yellow cley 14; blue cley 26; cley grevel 39; hardpen boulder '9; hard brown limestone 105. Weter from 82 to 105.
	NB	м	3	1			Nov.30,1963	4	2	67	40	•	S	Yellow clay 11; blue clay 29; blue clay gravel 37; hardban boulder 77%; hard brown 'imestone 89. Weter from 79 to 89.
	NB	*	16	I	P. Glavin	•	Dec.17,1963	4	5	100	96	•	D,S	Clay 62; sendy ol-y 65; clay hard streaks send 114; send 116; hardoon limestone 122; boulders 123; gravelly hardoon streaks limestone 130; gravel send 131. Weter from 129 to 131.
3	Metcalfe Twp. Con I		t 12	F	H. Buttery	S. Earl	Oct.28,1961	4	2	65	52	Fresh	N	Sand S; clay 14; sand clay 22; clay 122; hardpan 175; grey shale 192. Water at 122.

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M	DDLE	ESEX COUN	ITY -	con	t.									
		elfe Twp.	lot	ont.		S. Earl	Nov. 2,1961 Nov. 4,1961	4	3	65 100	5 <del>0</del> 70	Fresh	N N	Sand 3; clay 8; send clay 21; clay 118; herdpan 128. Water at 118 Sand 3; clay 5; send clay 19; clay 50; fine sand 52; clay 114; hardpan 128; Water at 114.
	Con Con		**	4	H. Freer	Dolphin & Earl	Jul.10,1961 Jul.13,1961	4	5	60	30	Fresh	D,S	Yellow clay 10; blue clay 90; hardnan 115; gravel. Dry hole. Yellow clay 10; blue clay 60; gravel 62; blue clay 90; hardnan 93; gravel 96. Water at 96.
	Con	III		8	A. Lyons		Mar.13,1961	4	13	100	24	*	D	Yellow clay 12; blue clay 102; hardban 105; sand fine gravel 117; rock. Water from 107 to 111.
	Con Con Con	A IA IA	"		M. Smithrim L. Nugteren R. Veenstrea MetcalfeSchool Board	S. Earl R. Smith S. Earl Dolphin & Earl	Jul.22,1963 Jun. 5,1962 Jul.11,1963 Nov.29,1961	4 5 4 4	5 4 10	31 78 60	24 30 7	Sulphur	D P	Sand 3; clay 115; hardonn 135; grey shale 184. Dry hole. Old well 35; blue clay 74; gravel 75. Water at 74. Clay 86; hardonn 103; grey shale 120. Water from 103 to 105. Sand loam 3; yellow clay 10; blue clay 98; hardonn 111; hard rock 115. Water at 115.
	Con	VI		6	R.J.Melchior	THE	Jan. 9,1961	4	5	60	20	Fresh	D	Yellow clay 15; blue clay 75; hardban 80; sand gravel 84. Water from 82 to 84.
	Con Con		*	6 6	W	11	Apr.10,1961 Apr.18,1961	4	5	70	14 20		P	Yellow clay 9; blue clay 84; hardpan 94; rock 97. Water at 84. Yellow clay 18; blue clay 80; hardban 82; sand 87; gravel 90. Water from 82 to 90.
	Con			6	17	# #	Apr.22,1961 May 1, 1961	4	10	60	20	w	P	Yellow clay 18; blue clay 80; hardpan gravel 96; rock. Dry hole. Yellow clay 16; blue clay 70; hardpan 78; sand gravel 80. Water from 78 to 80.
	Con Con		**	7 7	19	#	Feb. 8,1961 Apr.14,1961	4						Yellow clay 18; blue clay 78; hardpan 97; rock. Dry hole. Clay 9; blue clay 84; hardpan gravel 100; rock 158; Hamilton shale. Dry hole.
273	Con	AIII	**	4	H. Fields	A.A. Heal	Jan.28,1961	4						Tonsoil yellow clay 15; blue clay 50; muddy sand 51; blue clay 67; boulder gravel 72; muddy gravel 90; hardpan boulders 95. Try bole.
	Con	AIII	*	4	#	W	Feb. 1,1961	4	3	90	25	Fresh	D	Topsoil yellow clay 15;blue clay 50;muddy sand 52;blue clay 57;muddy grovel 87;gravel 91;black shale 102. Water from 87 to 91.
	Con	XIII	*	23	M. McNaughton	Dolphin % Earl	Apr.26,1960	4	11/2	60	10	**	S	Red clay 9; blue clay 75; hardpan 85; blue shale 91; black shale 110. Water at 76.
		XIV	#	3	M. Richardson S. Pierce	R. Hudson Dolphin & Earl	Aug.11,1962 Nov. 8,1963	36 4	2 2½	16 90	5 18		D,S	Sand 8; blue clay 20. Water at 5. Blue clay 115; hardban 120; grey rock 127. Water at 126.
1	losa Con Con		"	8 13	J. Giles J.&A. Telfer	G. Evans Water Resources	Apr. 5,1961 Aug.15,1963	4 5	9	52 30	41 30	Fresh	D,S	Clay 59; fine coarse gravel 120. Water from 59 to 120. Topsoil sand 6; clay hardnan 78; sand fine gravel 120; hardnan 135; fine silt fine gravel soft shale 197; soft shale gravel 199. Water at 100, 134, 196 and 199.
	Con	II		4	R.P. Close	Dolphin & Earl	Sep.18,1962	4						Yellow clay 19; blue clay 116; hardpan 124; hard grey rock 158. Dry hole.
	Con	II	n	4	T.P. Close	*	Sep.21,1962	4	5	80	12	Fresh	מ	Yellow clay 15; blue clay 90; gravel hardpan 105; rock 108.
	Con	II	н	8	W. Gardiner	н	Jun.30,1960	4	2 1/2	7€	41		D	Red clay 10; blue clay 52; sand 84; gravel 91. Water at 52 and 91.
	Con Con		**		J. McLean Four Counties Hosp. Board	Water Resources	Sep.12,1960 Aug.10,1961	4 5	3 5	60 100	34 26	*	D,S N	Blue clay 55;gravel 90;hariban 113;gravel 116g. Water at 116g. Sand 46; clay 78;hardpan 131;sand gravel 140;hardpan 141;grey shale gravel 149;hardban 172;grey shale 204;soonstone 211. Water at 125, 131, from 149 to 151 and at 151.
	Con	11		16	*	п	Aug.23,1961	5	20	28	8	*	P	Sand clay streams 35; sand 42; clay hardban 113; hardban gravel 118; hardban sand gravel 126; herrban fine gravel 140; sand stone 149; hardban 152; grey shale 206; soapstone. Water from 35 to 40.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LO	CATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER			TESTET	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Mosa Twp.	cont.		M. Reycraft	Dolphin & Earl	Jul.29,1960	4	5	60	34	Fresh	s	Yellow clay sand 9; blue clay 78; gravel 79; black shale. Water
Con III		9	R. Dodds	R. McGaffey	Jun. 1,1961	4	3	30	20	w w	N	from 78 to 79. Topsoil send 10; blue clay 67; boulders 68; hardpan 80; soft
Con III			n, Dodds			4	4	-		**	D.S	hardpan 90; shale 91; gravel 94. Water at 91. Sand 12; blue clay 64; mordpan 65; gravel 72. Water from 65 to
Con III		9		Dolphin & Earl	Jul.21,1961	4	10	55 30	30 8	-	D,S	70.  Red clay 18; blue clay 71; gravel 76; Water from 71 to 76.
Con IV		4 13	A. Gillies J. Florian	Water Resources	Feb. 9,1962 Nov. 2,1961	5	10	30	0		D,3	Sand 12; clay hardpan 84; hardpan 98; gravel 104; hardpan 11; grey scale 156; grey limestone 162; soft grey scale 165. Water at 106.
Con IV	-	13		*	Nov. 7,1961	5	2	95	26	**	D	Sand 8; clay 18; hardpan 62; caving hardpan 95; sand gravel 96.
Con ♥	"	10	K. Tofflemire	S. Earl	Sep.29,1960	4	7	37	20	Sulphur	D	Red sand 10; blue clay 72; hardpan 76; gravel 79. Water from 76 to 79.
Con VI	99	13	L. Jung	A.A. Heal	Mar. 9,1960	4	10	26	16	Fresh	D	Topsoil sand yellow clay 16; soft blue clay 30; hard blue clay 77; soft black shale 78%. Water from 76% to 77%.
Con VII		1	D. McCallum	Dolphin & Earl	Nov. 7,1960	4	<₹			•	N	Yellow clay 10; blue clay 67; gravel 76; hardpan 87; blue shale 100; black shale 110. Water at 87.
Con VII		1	*	н	Nov.12,1960	4						Yellow clay 8; sand 24; sand clay 74; hardoan 87; blue shale 95; black shale 100. Dry hole.
Con VII	Ħ	1	*	*	Apr.16,1963	4						Yellow clay 20; clay sand 30; blue clay 80; clay sand gravel 90; hardpan 102; black shale 155. Dry hole.
Con VII	**	11 12	E. McVicar D.P. McVicar	n Dolphin & Earl	May 26,1960 Oct.27,1962	4	3	25 30	24 18	Fresh	D,S	Red clay 9; blue clay 66; gravel. Water at 66;. Sand 8; blue clay 68; hardon 69; gravel 71. Water from 70 to 71.
Con VIII		1	L. Williams	S. Éarl	Oct. 5,1960	4	3 4	20	12		N	Sandy clay 12; blue clay 65; silt sand 79; grey shale 85; black shale 102. Water at 79.
∞n VIII		1	•	*	Oct. 7,1960	4	1/2	50	20		D	Blue clay 71; hardman 72; grey shale 73; black shale 76. Water at 72.
Con X LRN RI	H	3	M. Keating R.J. Simpson	Dolphin & Marl Water Resources	Jun.27,1961 Sep. 3,1962	5	3 10	20 95	Flows 32		D,S	Blue clay 30;gravel. Water at 30. Soil sand grivel 10;sand clay streaks 16;clay hardman streaks 134;sand hardman 146;sand fine gravel 150;coarse gravel 154.
LRN RI	N	2	W. Hailstone	•	Nov.22,1962	5			48	*		Water from 146 to 154. Sand 12; clay 13; send 23; send clay 36; clay hardpen 143; clay sand hardpen streaks 207; clay stone 209; soft grey shale 238; scapstone 250; shale 252; scapstone 255. Water at 143, 158, and 207.
LRN RI	н	2		Water Resources	Dec. 7,1962	5	7	160	48	**	D,S	Sand 8; clay 9; sand clay 29; clay her pan 163; clay sand grevel heripan 166; clay herdoen 176. Water from 163 to 166.
LRN RI	н	3	M. Cameron		Мау 5, 1962	5	10	160	44		D	Topsoil sand stones S; clay 42; hardpan 52; clay stones 67; hardpan clay 135; sand fine gravel 154; clay small stones 155; sand fine gravel 160; sand fine gravel 160; and gravel 162. Water at 135, 155 and
LRN RI		7	A. Toth	**	Jun.25,1962	5	5	90	53	*	D	Sand 15; sand clay streeks 30; clay 108; fine sand 120; hardwan 132; fine sand fine gravel 139; sand 145; hardwan sand streeks
LRN RI	"	8	F. Dubusue	Dolohin & Earl	Nov.26,1963	4	6	90	40		D,S	206; sand coerrer gravel 210. Water at 108, 132, 170 and 206. Sand 5; clay 110; hardpan 135; hard gravel 138; gravel. Water at 138.
LRN RI	*	14	A. Black	Hadco WellDigging	Mar.13,1962	30	3 <del>1</del>	29	21		D	Toosoil 1; brown sandy clay 21; brown coarse sand 23; blue clay 30. Water at 21.
LRN RI	**	20	Rabbit Breeders Of Can	Dolphin & Earl	Aug. 3,1962	4	10	70	40	r	s	Sond 3; yellow clay 10; blue clay 95; gravel 98. Water from 95 to 98.

	IDDLESEX			cont										
	Mosa Twp LRN RI LRN RII		lot		K. Stenger I. Graham	S. Earl Water Resources	Aug.14,1963 Sep.26,1963	4 4	5 3	71 90	68 27	Presh	D D,S	Sand 8; clay 73; hardban gravel 84. Water from 75 to 84. Sand 5; blue clay 85; hardban 128; boulders gravel 144; hardban shale 156; soft shale 184; hard grey rock 187; soapstone. Water
	LRN RII LRN RII		:	2 4	F. McNaughton H. Zwambag	Dolphin & Earl	Oct.30,1963 Dec. 3,1963	4 4	5	100 60	32 40	:	D,S D,S	at 156 and 185. Blue clay 126; hard gravel 133: Water at 126. Sand 10; yellow xlay 15; blue clay 120; hardwan 143; gravel. Water at 143.
	LRS RI			8	S. Simpson	*	Oct. 4,1963	5	3	100	40		D,S	Yellow clay 10; blue clay 130; hardoon gravel 156; gravel sand.
	LRS RI		•	8	*		Nov.20,1963	5	6	70	37		D,S	Water at 156. Sandy soil 5;grey clay 118; fine sand fine gravel 140. Water
	LRS RI		*	19	R. Smith	•	Apr.14,1962	5	3	190	66	•	ם	at 119. Topsoil 2; clay horizon 29; horizon 115; black shale 126; grey blue shale 128; grey shale hard streaks 187; light rock 190; soapstone. Water from 127 to 130, 130 to 134, 134 to 137;
	LRS RI LES RII		•	26 1	V. Berry C. Dymock	S. Earl Hedco WellDigging	Nov.22,1961 Fe <sup>-</sup> .27,1962	4 30	5 3	70 48	64 10	:	D S	151 to 164; and 187 to 190. Water from 22 to 82. Sand 5; clay 72; gravel 82. Water from 22 to 82. Topsoil 1; brown clay 7; brown sand 9; blue clay 49. Water at 9.
	Newbury Newbury				J. McNaughton	R. McGaffey	Dec.31,1960	4	5	43	18	Fresh	ם	Topsoil send 6; silty clay 22; hardpen 25; send 32; gravel 37; blue clay 87; herdpen 114; hard grey rock 135. Water from 25 to 37 and at 135.
275	Newbury	V111	age		F. Jones	Water Resources	Nov.14,1961	5	7	135	28	•	D	Sand 9; sand grey blue clay 12; grey clay 32; clay hardpan 48; clay 112; clay mild hardpan 126; grey shale 133; brown grey rock 135; grey shale 141; black shale 142; black shale 142; soft grey shale 145. Water from 141 to 142.
	Newbury Newbury Newbury	V111	ege		J.D.McNaughtor P. Abbott D. McNsughton	Dolphin & Earl	Aug. 8,1962 Aug.11,1962 Aug.14,1962	4 4	22 10	24 60	7 30	:	D D	Red sand 15;grey sand 35;gravel 40. Water from 30 to 40. Sand 9;blue clay 15;dark rock 130. Water from 128 to 130. Sand 8;blue clay 40. Dry hole.
	Newbury				H.E.Johnston	•	Aug122,1962	4	3	70	23	Fresh	ū	Blue clay 24; fine sand 55; gravel hordman 94; limestone 97; hordman 115; gravel. Water at 115.
	Newbury	V111	3.50		MosaTwp School	Water Resources	Nov.7, 1962	5	4	130	30₺	Mineral	P	Light sand 9; clay gravel 90; clay stones fine sand 131; soft
	Newbury	V111	are		C. Murphy	W. Marsh	Jul.20,1963	5	3	70	24	Fresh	D	grey shale 140. Water at 90, 131 and from 136 to 140. Red sand 6; grey sand 18; quick@end 37; clay stones 86; hardpan 125. Water at 30, and from 120 to 123.
	North Do	rches	ter T	wp.										
	TRN Con	1	lot	1	J.B. Wright	H. Siegrist	Feb. 6,1960	4	4	26	11	Fresh	D	Top <oil 110;="" 120;="" 121.="" 121.<="" 20;="" 2;="" 40;="" 50;="" at="" clay="" grayel="" hardnan="" sand="" sandy="" td="" water="" °5;="" °7;=""></oil>
	TRN Con	I	•	1	H. Loveless	•	Aug.18,1961	5	10	17	16	*	P	Sandy topsoil 2; sendy claw 18; grey clay 27; gravel hardban 42; clay 65; hardban gravel 80; hard silty sand 115; sand gravel. Water at 115.
	TRN Con	I	•	1	H. Hampson	E.B. Hussey	Sep.15,1961	4	4	38	10		D	Fine sand 10; sand sandy clay 20; hardnan 35; gravelly sandy hardnan 60. Water from 50 to 60.
	TRN Con	I	•	1	K. Summerfield	H. Siegrist	Dec.10,1962	5						Top loam 3; sand 30; blue clay 40; hardpan 70; hard packed sand 117; blue clay 122; sand 138; hard grey rock 190. Dry hole.
	TRN Con	I	-	1	*	•	Jan. 5,1963	4	250	60	20	Fresh	D	Top loam 4; sand 30; blue clay 40; herdoen 70; sand hardoen 118; blue clay 122; sand 124; herdoen 127; Water at 127.
	TRN Con	I		3	W. McLaren	I, Lounsbury	Feb.20	5	6	33	30	*	D,S	Brown clay 20; hardpan 106; sand gravel 110; gravel 116. Water
	TRN Con	I	•	3	Orbit Gas Co.	W. Marsh	Oct.4; 1962	5	12	90	50	*	С	from 106 to 116. Clay sand stones 33; sand 60; fine gravel sand 73; sand clay hardpan 100; fine sand 110; sand gravel hardpan 154; brown ligestone 157. Water at 157.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCAT	TION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TATIC	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Nort	ESEX COU h Dorche												
cont TRN	Con I	10	t 3	W. Pratton	W. Dale	Nov.28,1962	5	12	56	51	Fresh	D,S	Brown clay 22; sand clay 52; soft clay 60; clay sand 93; gravel
TRN	Con I	1	10	H.J. Copland	M. Jones	Jul. 1,1961	5	10	15	15	•	D	boulders clay 124; hardban 138; gravel 142. Water at 142. Yellow sand 3; grey sand 44; grey sand gravel 45; fine grey sand 81; fine grey sand gravel 95; derk brown limestone gypsum 98.
TRN	Con I	(1	10	G. Manzer	I. Lounsbury	Dec. 5,1962	5	4	40	12	*	D	Water at 45 and from 81 to 95 and at 98. Fine brown sand 27; blue clay 53; hardpan 86; hardpan boulders
TRN	Con I	1	12	Cold Springs Turkey Farms	K. McLeod & Sons	Nov.21,1963	5	20	18	18		s	91; hardpen 94; gravel 95. Water from 94 to 95. Brown clay 10; sand dirty gravel 20; blue clay 40; coarse gravel 65; hrdpan stones 84; limestone 90. Water from 84 to 90.
TRN	Con II	-	' 3	L. Fredin	W. Dale	May 20.1961	5	7	61	30		D	Brown clay 16; clay stone 31; brown clay 47; hardpan stones 79;
TRN	Con II	1	4	C.E. Miller	K. McLeod & Sons	Jun.28,1961	4	5	28	20	*	מ	cley gravel 107; source sand 109. Water from 107 to 109. Brown clay 25; grey clay pebbles 35; hardpan stones 69; gravel 70. Water at 70.
TRN	Con II	3	7	D. Williams		Feb.15,1960	4	5	20	20		D	Gravel 20; blue clay 40; hardban 76; gravel ?7. Water from ?6 to 27.
TRN	Con II	ñ	9	H. Brooks	W. Dale	Nov.17,1962	5	10	60	41	Sulphur	D,S	Sand 25;gravel 33;grey clay 110;cemented sand 137;grey limestone 139. Water at 139.
	Con III Con III		2 2	L. Flannigan L. Brulotte	R. Hudson K. McLeod & Sons	Jul.29,1961 Dec.17,1963	36 5	3	22 60	19 50	Fresh	D D,S	Clay 18; sand 21; blue clay 2h; Water at 20.  Brown clay 10; sand gravel 30; hardoon stones 111; limestone rock. 112. Water at 112.
TRN	Con III		3	K. Anderson	-	May 17,1962	41	6	40	38		D	Brown clay 20;grey clay stones 80;hardban 114;grayel 115.
7 TRN	Con III	b	6	D. White	HadcoWell Digging	Aug.31,1961	271	4	29	18		D	Topsoil 1; brown sandy clay 16; boulders 17; brown sand 24; clay 26; brown sand 29. Water at 17 and 26.
	Con III		8	F. Teeter	W. Dale	Jan.17,1961	5	5	44	35		D,S	Subsoil 4; brown clay 30; clay gravel 50; clay sand 62; gravel 63%. Water at 62.
TRN	Con III	1	9	I. Dale	Kimberley Well Drilling Co. Ltd.	Mar.22,1962	6	8	30	12	*	ם	Sandy loam 8; stony hardpan 58; coarse gravel 60. Water at 58.
TRN	∞n III		8	J.E. Harrison		Jun.21,1963	4	10	55	50	•	D	Sandy loam 20;gravel 22;clay 41;gravel 46;clay 76;sand 81; grey limestone 83;fine sand 98;clay sand 102;grey limestone 104. Water at 103.
TRN	Con III	•	9	F. Hunter	W. Dale	Sep.27,1962	5	8	65	60	Sulphur	D,S	Topsoil 6; sand 2?; grey clay 57; hardpan 78; muddy clay 88; limestone 92. Water at 92.
	Con III Con IV		10 5	Kinsmen Camp P.U.C.	R. Smith International	Mey 4, 1962 Aug.22,1962	5	14	20	12	*	P T	Sand 18; grey clay 100; dark rock 105. Sandy clay 3; gravel 12; boulders 15; silt sand 20; boulders 21;
TRN	Con IV	,	5		Water Supply Ltd.	Aug.23,1962						T	Clay boulders 26;gravel 30;clay gravel 36;gravel 37;rock 41. Sandy clay 7;gravel 12;brown clay gravel 17;white clay
TRN	Con IV	1	5			Aug.24,1962						T	gravel boulders 23; clay gravel 33; rock 36. Sandy clay 3; sand 6; sand gravel 14; soft clay 17; clay boulders
TRN	Con IV		5			Aug.28,1962						т	25; clay gravel 32; rock. Sandy clay 4; gravel boulders 7; dirty sand 10; clay boulders 30;
	Con IV	3	6		*	Aug.14,1962						T	rock. Gravel 13; blue clay boulder 32; rock 36.
	Con IV		6		*	Aug.15,1962 Aug.16,1962						T	Topsoil 1; sandy clay 4; gravel 7; silt sand 11; brown clay boulders 19; blue clay gravel boulders 31; rock. Topsoil 1; sandy clay 9; gravel 11; silt sand 14; soft brown sandy
TRN	Con IV		6		*	Aug.17,1962						T	clay 24; clay boulders 26; blue clay 39; rock 41. Topsoil 1; sandy clay 9; sand gravel 14; soft clay silt sand
TRN	Con IV		6	*	*	Aug.21,1962						T	smell gravel strenks 24; blue cloy boulder 36; rock. Gravel boulders 5; silt wood 7; gravel boulders 12; clay boulders 26.

MIDDLESEX COUN	TY - cont	į.								I	
Cont. TRN Con IV	lot 7	T. Porter	W. Dale	May 10,1960	5	15	50	18	Fresh	P	Topsoil 4;gravel 6; clay gravel 42; gravel sand 47; clay gravel
TRN Con IV	* 7 * 8	W.J. Snell F. Smith	I. Lounsbury	May 27,1961 May 15,1961	5 5	4 6	17 24	17 17		D D	51; send 62. Weter from 51 to 62. Old well 10; herden 76; herd grey limestone 80. Water at 78. Tobsoil 1 iyellow send 5; blue clay 20; herden 79; grey
TRN Con IV	* 8	R. Reynolds	W. Dale	Jan.10,1962	5	8	33	28	н	D	limestone 84. Water at 82. Brown clay 15; black clay 17; clay grayel 47; clay cemented
TRN Con IV	* 8	P.U.C.	International Water Supply Ltd	Aug. 9,1962						T	gravel 69;gravel shale 71. Fill orey clay 6;dirty sand gravel 11;clay boulder 26.
TRN Con IV	* 8	•	massi supply 200	Aug.10,1962						Т	Sandy clay 3; sand gravel boulders 8; clay boulders 26; sand gravel 28; white clay boulders 31; rook 36.
TRN Con V	* 12	•		Aug.31,1962						т	Sandy clay 5; sand boulders 6; hard clay boulder 41; hard rock 43.
TRN Con V	* 12			Sep.4, 1962						T	Sandy clay 6;gravel boulders 7;hard clay 24;hard clay boulders 35;rock.
TRN Con V	* 12 * 12	:	*	Sep. 5,1962 Sep. 7,1962						T T	Sandy clay 5; clay boulders 18; hard clay 31. Topsoil 1; boulders 3; hard clay boulders 9; blue clay boulder
TRN Con V	" 12 " 12			Sep.11,1962 Sep.12,1962						T T	37;rock.   Sand 5;gravel boulders 9;clay boulders 15;clay boulder 26.   Sand 2;gravel 3;hard brown clay 8;blue clay 17;sand gravel 21;
TRN Con V	" 12 " 13	**		Sep.14,1962 Aug.30,1962						T T	hard clay 29; hard clay 47; clay boulders 48; rock. Sandy clay 3; gravel 7; clay 14; clay boulders 36. Sandy clay 6; sand gravel boulders 8; sandy clay 12; hard clay
7 TRN Con V	* 14		**	Jul.10,1962						т	28; hard clay boulder 60; rack 61%.  Topsoil 1; brown clay boulders 7; blue clay gravel boulders 40;
TRN Con V	m 14	-	•	Jul.11,1962						т	rock 44. Topsoil 1; sand clay 3; black clay wood 7; blue clay 14; clay
TRN Con V	" 14		*	Jul.17,1962						Т	boulders 30; hard clay 38; rock 39. Topsoil 1; sandy clay 5; blue clay gravel boulders 25; hard clay
TRN Con V	" 14 " 15	* *	*	Jul.19,1962 Jul. 6,1962						T T	streaks white clay 40; sandstone 47. Sand gravel boulders 7; clav 16; clav boulders 39; rock 41. Brown clay gravel boulders 18; blue clay boulders 26; coarse sand 27; hard clay boulders 41; sharp gravel 45; clay 48; clay
TRN Con V	<b>w</b> 16		•	Jul. 3,1962						T	gravel boulders 61; rock 64. Tousoil 1; sand clay 7; gravel boulders 10; hard clay 16; gravel
TRN Con V	* 16	*		Jul. 4,1962						T	boulders clay streeks 30;grovel boulders clay 34;rock 37. Tonsoil 1;brown clay 5;sand gravel 7;blue clay 15;gravel boulders clay 26;hord clay 29;boulder 32;hord clay 37;rock
TRN Con V	* 18		•	Jun.26,1962						т	Topsoil 1; sandy clay 5; gravel boulders clay 13; clay boulder
TRN Con V	<b>1</b> 8			Oct. 4,1963						Т	33; rock 45. Dark loom 2; yellow sand 5; gravel stones 35; sandy hardban
TRS Con A	** 2 ** 4	K. O'Neil London P.U.C	K. McLeod International	Sep.27,1962 Jul.12,1962	5 10	4	38	33	Fresh	D T	gravel 71;buff limestone 73. Dirty grevel 39;cleen grevel 41. Water at 41. Topsoil sendy loem 5;silty sand wood 13;grevel send silt clay
TRS Con A	" 10	•	Water Supply Ltd.	Jul.20,1962						т	27; cemented gravel 37; soft sandy clay 45. Topsoil 1; sand 4; gravel boulders 8; clay boulder 20; sharp
TRS Con A	* 10	•	•	Jul.24,1962	5					т	gravel boulders clay 38; rock 41. Sand clay 7; clay gravel boulders 14; gravel 17; clay boulder
TRS Con A	<b>"</b> 20			Jul.27, 1962	10					T	35; rock 37. Sandy loam 6; gravel clay 12; clay gravel 19; sandy clay 27; cemented gravel 31; rock.
				L		L	L				

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	LOCAT	rion 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	LEVET.	KIND OF WATER	USE OF WATER?	Log and Remarks (Depths to which formations extend below the surface are given in feet)
No	LESEX COU												
	nt. RS Con A	10	t 16	London P.U.C.	International	Sep.19,1962	5					T	Topsoil 1;dirty sand 3;grevel boulders 7;hard clay 16;clay
T	RS Con A	9	* 16		Water Supply Ltd.	Sep.19,1962	5					T	24; clay boulders 35; rock 37. Sandy clay 5; gravel boulders 10; brown clay 13; hard blue clay
T	RS Con A		16	•		Sep.21,1962	5					т	boulder 37; rock. Sendy clay 5; gravel boulders 8; clay boulders 14; hard clay
T	RS Con A	*	20			Jul.26,1962	10					т	boulders 26. Sandy loam 2; sand 6; soft sandy clay 26; clay fine gravel 27;
	RS Con A	***	20			Jul.30,1962	10					T	rock. Sandy loam 1;sand 6;sandy clay gravel 29;rock.
T	S Con A		21	W. Boles	W. Dale	Oct.18,1960	5	7	58	23	Sulphur	D	Clay stones 29;hordoan 65;brown limestone 69. Water from 67
T	RS Con A	*	21	R. Scott	I. Lounsbury	Nov.15,1960	5	4	40	13	Fresh	D	Black loam 2;gravel 12;hardosn 53;stones gravel 63;gravel 64. Water from 63 to 64.
T	RS Con A		22	London P.U.C.	International Water Supply Ltd	Aug. 7,1962	5					T	Topsoil 1; sandy clay 5; boulders gravel 9; clay boulder 26.
T	S Con A		23		mater Supply Eta	Jul.27,1962	5					T	Sandy clay 5; boulder wood clay 8; sand grovel 21; cemented gravel boulders 24; clay boulders 31; rock 33.
T	RS Con A	×	23	*		Jul.30,1962	5					T	Topsoil 4; sandy clay 9; dirty gravel 14; soft clay boulders 16;
T	RS Con A		23	•	*	Jul.31,1962	5					T	clay boulder 32; rock 33. Sandy clay 6; sand gravel 13; boulder write clay 15; clay boulder
27 T	S Con A	•	23	•		Jul.25,1962	5					т	33; rock 37. Sandy clay 7; sand gravel 15; clay 22; clay boulders 36; boulders
œ T	RS Con A		23			Jul.26,1962	5					T	rock 42. Sandy clay gravel 8; sand gravel 16; soft clay wood boulders
T	RS Con A		24	P. Soxby	W. Dale	Dec.31,1960	5	9	63	58	Fresh	D	19; clay boulders 33; rock 37. Clay sand 21; hardban 49; sandy clay 85; clay gravel 120; gravel
T	RS Con A		24	P. Madson	•	Feb. 5,1962	5	6	60	43		D	127. Water from 120 to 127. Brown clay 15; clay gravel 26; gray clay 90; sandy clay 105;
T	RS Con A		24	C. Lenkin		Feb.22,1962	5	3	95	43		D	clay gravel 126;gravel 128. Water from 126 to 128. Brown clay 14;clay gravel 29;grey clay 94;sandy clay 106;
T	RS Con A		24	A. Kelly	•	Apr.26,1963	5	4	82	37	Fresh	D	cley gravel 1252; gravel 126. Water from 125 to 126. Brown clay gravel 30; grav clay 60; cemented gravel 104; gravel
	RS Con A		C 7	J. Howlett	I. Lounsbury	Sep.15,1963	5	21	59 62	30		D	107. Water at 107. Fill 3;gravel 16;hardpan 50;san 61. Water from 53 to 61.
T	RS Con A	•	24	F. Campbell	Hadco WellDigging	Oct. 1,1963	27₺			14		D	Topsoil 2; brown sandy clay rocks 18; hardpan rocks 65. Water at 14.
	RS Con B	*	3	R. Hutchinson A. Adams	K. McLeod & Sons	Jun.18,1960 Jun.21,1960	41	6	11.	19 10		D D	Sand 45; blue clay 62; gravel 63. Water at 62. Sand 7; gravel 41. Water at 41.
	RS Con B	•		E. Hansford	•	Apr.13,1962	4	5	?5	10		D	Brown clay 10; send 15; blue clay 30; hardnan 60; coarse gravel 70; gravel 72. Water at 72.
	RS Con B		4	A.P. Cornwell M. Hourd	J.H. Weaver & Son K. McLeod & Sons	Dec. 9,1963 Aug.11,1960	1 41	4 5	38	14 36	:	D D	Old well 15; coarse gravel 25. Water at 14.  Brown clay 47; ouicksand 50; sand 55; brown clay 72; gravel 73.
T	IS Con B		5	London P.U.C.	International Water Supply Ltd.	Jul. 9,1962	10			5	•	T 65-62	Water at 72.  Topsoil 1; brown losm 8; coarse gravel sand small boulders 36; clay gravel 39; soft sandy clay gravel 48; cerented gravel 50.
T	IS Con B		5	•		Jul.16,1962	10					T	Water at 8. Topsoil sandy loom 5; clay gravel 15:dirty gravel 22; sandy
T	S Con B		5	*		Jul.18,1962	10					T	clay gravel 34; cemented clay gravel 50; rock. Topsoil sendy loam 4; sendy clay gravel 14; clay or yel 14;
T	RS Con B	*	7		*	Oct:1 1962	10					73-62 T 123-62	emented growel 49; rock. Topsoil 2; clay gravel 14; coerse gravel 27; silt clay 41.

			COUNT												
	TRS	Con	В	lot		G. Gylbeszi London P.U.C.	J.m. Wesver & Son International Water Supply Lte.	Apr.20,1961 Oct. 3,1962	1 10	8		22	Fresh	Ť	Old well 20; fine gravel 40. Water at 22. Black topsoil 2; clay fine gravel 14; coarse gravel 32; gravel sand 49.
	TRS	Con	В		8	<b>*</b>	water Supply Lte.	Oct.11,1962	12	8	29	5	Fresh	T	Topsoil 2; dirty sand gravel 7; coarse sand gravel 25; coarse
	TRS	Con	В	•	8		*	Oct.15,1962				2		T	send gravel small boulders 50; coerse sand gravel cley 52. Tonsoil 3; soft muck 10; coerse sand gravel small boulders 40; coerse sand gravel boulders 45; fine sand pieces clay 48; fine
	TRS	Con	В	•	8	*		Oct.16,1962						T 127-62	sand gravel cley 50. Topsoil 2; sand gravel 10; coarse sand gravel 25; coarse sand gravel small boulders 30; coarse sand gravel boulders 42; gravel large pieces cley gravel 46.
	TRS	Con	В	*	8			Oct.17,1962	1			3			Topseil 3; sand grevel 10: coerse sand gravel 20; coarse sand gravel small boulders 37; clay grevel 39.
	TRS	Con	В		8	•		Oct.18,1962					*	T	Torsoil 2; sand gravel 7; coarse sand gravel 30; coarse sand gravel boulders 48; coarse sand gravel clay 50.
	TRS	Con	В		8	•	•	Oct.19,1962	1			6	•	T	Towsoil 3; sand gravel 10; coarse sand gravel thay 35; coarse sand gravel boulders 42; coarse sand fine gravel 54; sand gravel clay 55.
	TRS	Con	3		13	•		Jul.13,1962						T	Brown clay gravel 5; blue clay gravel boulders 19; hard clay boulder 48; rock 54.
	TRS	Con	В		18	H.Schliewinsky	H. Siegrist	May 27,1960	4	6	40	40			Topsoil 1; clay 24; sand 50; sand clay 65; hard clay 72; gravel 73. Water at 72.
	TRS	Con	В		19	D. Askie	W. Dale	Jan.12,1961	5	8	43	40		D	Brown clay 43; sand clay 48; blue clay 55; soft clay 71; sand 75.
	TRS	Con	В	-	20	R. Smith		Jan.18,1963	5	10	36	35	•	D,S	Soft brown clay 31; sandy clay 62; grey sticky clay 73; gravel 86. Water at 86.
1	TRS	Con	I		4	J.Labatt Ltd.	K.McLeod & Sons	Dec.18,1961	5	6	35	17	Sulphur	D,S	Brown clay 20; sand gravel 90; hardpan stones 102; coarse gravel 105; Water at 105.
	TRS	Con	I	•	8	J.A. Fishlegh	E.Hoover & Son	Feb.26,1963	5 <del>2</del>	3	33	18	Fresh	D,S	Clay 20; grey sand 40; clay 60; sand gravel 118. Water from 60 to 118.
		Con Con		*	9 12	P. Terry M. Shackelton	:	Mar. 9,1963 Jun.22,1960	5½ 5	3	32 115	31 80	:	D,S	Sand 10; clay stones 30; gravel sand 53. Water from 30 to 53. Topsoil 3; red clay 12; blue clay 80; fine sand 110; clay 140; sand 145. Water at 145.
	TRS	Con	1		16	H. Vanslyke	W. Dale	Dec.29,1960	5	10	48	19		D,S	Yellow sand 67; brown clay 69; sand gravel 79; dirty gravel 132; gravel 134. Water at 132.
	TRS	Con	1	*	18	H. Keene	•	Jan. 6,1961	5	8	52	50		۵	Previously drilled 60; dirty send 77; send 91. Water from 77 to 91.
	TRS	Con	1	•	18	J.H.Gudgeon	Kimberly Well Drilling Co.Ltd	Mar.31,1962	6	8	70	50	•	D	Brown clay 48; fine sand 90; coerse sand 108; coerse gravel 110. Water at 109.
		Con Con		*	19 19	M. Heath W. Mallot	W. Dale	Jun. 1,1960 Dec. 2,1960	5 5	10 10	49 37	44 33	:	D D	Topsoil 2; clay 54; clay gravel 69; sand 78. Water from 69 to 78. Brown clay 23; sandy clay 47; blue clay 59; sand 72. Water from 67 to 70.
		Con Con		:	23 B	H. Hudson M. Lounsbury	E.B. Hussey	Mar.26,1960 Oct. 5,1963	4 4	23 5	8 40	8 26	:	D,S	Old well 92;gravel 22. Water at 10. Yellow clay 17;blue clay 31;sandy blue clay 76;sand 107; gravel 111;gravel sand 137. Water from 132 to 137.
	TRS	Con	II		14	J. Hettinga	R. Hudson	Sep.19,1963	36	2	16	14		D,S	Topsoil 1; fine sand 12; coarse sand 17; quicksand 21. Water at 14.
	TRS	Con	II		15	P. Harris	R. Smith	Sep. 7,1960	4	10	120	90	•	D,S	Brown cley 18; blue clay 58; fine send 140; gravel 142; hardwan 180; fine coarse sand 185; coarse send 188. Water at 100.
	TRS	Con	II		18	J. Bonnell	M. Jones	Jen.14,1963	5	8	66	56	*	D,S	Sandy clay 50; fine sand 65; clay 90; coarse sand 110. Water at 50 and 90.
	TRS	Con	II	•	19	A. Cromarty	W. Dale	Apr.23,1960	5	7	70	56	•	D,S	Previously drilled 77; sandv clay 84; fine sand 89; gravel 92. Water at 89.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

_		LO	CATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Nor TH		or I	II		cont 4 12		E. Hoover & Sons	Jun. 7,1963 Aug.24,1960 Mar.29,1961	7 5 5	20 3 3	4 85 85	Flows 65 75	Fresh	P D D	Topsoil 4; soft clay 74; sand gravel 103. Water from 74 to 103. Topsoil 4; red clay 12; blue clay 167; gravel 168. Water at 168. Topsoil 3; red clay 15; blue clay 60; sand 145; gravel 150; sand 183; gravel 185.
TE	s co	n I	v	**	23 8 16	E. Gryning R. Lewis F. Jackson	W. Dale E. Hoover & Sons	Oct. 1,1962 Feb. 8,1961 Jul.18,1963	4 5 5 <u>₹</u>	5 6 5	23 79 30	18 35 25		D,S D,S D,S	Clay 20; muddy sand 37; sand 44. Water at 44.  Brown clay 30; sand 90; gravel sand 125; gravel 130.  Topsoil 5; red clay 15; gravel stones 20; blue clay 126; gravel
TF	s c	n I	(V		18	M. Brumskill	W.L. McBeth	Jun.29,1962	51/2	5	65	45		D,S	sand 128. Water at 126. Blue clay 45;hard sand 180;hardpan 187;gravel 197. Water at
	s c			W	23 24	P. Finch H. Pickles	W. Dale	Aug.30,1962 Aug.22,1962	5 <del>1</del>	5 7	155 68	80 62	•	D,S D,S	187. Blue clay 35; clay silty sand 310; shale 315. Water at 315. Brown clay 15; grey clay 46; soft clay 78; sand 84. Water from 78 to 84.
TF	S Co	n I	(V		24	W. Rodgers		Oct.21,1963	4	7	35	23		ם	Topsoil 2; brown clay 14; grey clay 23; sandy clay 44; fine sand 52. Water from 44 to 52.
TI	S Co	n V	7		3	E. Parson	W.L. McBeth	Sep.18,1963	5€	5	50	30		D,S	Brown clay 40; stony blue clay 69; hardban 71; gravel. Water at 71.
TF	s c	n V	7		10	H. Elzinga	E.Hoover & Sons	Jan. 8,1963	5	3	33	33		D,S	Clay stones 60; gravel sand 107; gravel 108. Water from 107 to 108.
TF	s C	n V	7	*	12	G. Smith	•	Jen.18,1960	5	4	40	20		D	Topsoil 4; red clay 30; blue clay 70; butty sand 80; blue clay 93; sand 94. Water at 94.
N TE		n V	7	*	13 13	G. Churchill M. Hunter	:	Oct.17,1960 Dec.24,1962	5 51	3 2	8 95	3 23		D,S D	Topsoil 3; blue clay 58; sand 59. Water at 59. Clay 45; vellow sand 75; clay stones 122; gravel sand 123. Water from 122* to 123.
8 T	s c	n V	7	×	14	E. Longfield	W. Dale	Oct.25,1962	5	7	13	8		D,S	Topsoil 1;gravel 4;brown clay 11;gravel 13½;blue clay 48; sandy clay 57;blue clay gravel 64. Water at 64.
TF	s c	n V	7		15	M. Secord	E.Hoover & Sons	Nov. 9,1962	5 <del>1</del>	3	9	8		D,S	Red clay 15; blue clay 35; sand 37; blue clay 62; sand 63. Water at 62.
TF	s c	on V	7	•	16	P. Braber	E. Hussey	Jun. 6,1963	4	5	150	21		D,S	Sandy clay 10; blue clay 40; clay gravel 55; quicksand clay 141; outcksand gravel 151; clay streaks outcksand 180; small stones sand 190; sandy hardpan 197. Water from 190 to 197.
	s c				16		*	Jul.10,1963	4,	20	37	37		D	Streeky harden 219; brown limestone 229. Water at 225.
	S C			W	18 18	H. Farquhar R. Helka	J.H. Weaver & Son A. Wyatt	Dec.22,1961 Oct.10,1963	1½ 5	8 3	87	25 82	-	D,S	Old well 27; brown quicksand 43; Water at 25. Gravel clay fill 42; brown clay 47; quicksand 147; grey clay 168;
TF	s c	n V	7	**	19	A.H. Humphrey	W.L. McBeth	Nov.10,1961	51	6	70	65		D	hard sandy clay 171; gravel 172. Water at 172.  Previously drilled 40; send 160; hard blue clay stones 170;
	s co				A 2	F. Moore M. Goble	W. Dale W. Burwell	Jul.15,1963 Mar.15,1962	4 5	25	98	80	•	D,S	gravel 171. Water at 171. Old well 81;quicksand 101. Water at 101. Brown cley 10;medium gravel 60;blue clay 160;boulders 200;
	s c				3	G. Taylor G.B. Johnston	G. Warren W.L. McBeth	Oct. 6,1960 Aug.31,1961	5 5 <del>1</del>	5	34 55	24 36	*	D D	Dry hole. Clay 10; sand gravel 54; gravel 55. Water from 54 to 55. Brown clay 50; sandy bardoan 100; hardoan 150; quicksand 172; hard clay 175; gravel. Water at 175.
TF	s c	n V	/I		3	A. Wyatt &	A.Wyatt	Dec. 2,1962	5	7	29	28		D	Clay 17; soft stony clay 60; sand 70; dirty gravel 76; hardon 78;
T	is Co	on V	/I	•	5	J.J. Goble F. Mylemans	•	Aug. 8,1963	5	4	62	48	•	D,S	coarse sand 85. Water from 78 to 85. Topsoil 3; red clay small stones 18; soft blue clay 65; coarse sand 85; fine sand 158; coarse sand 160; sand silt 198; hard mrey clay sand babbles 200; sand 220; coarse sand 226. Water at 226.
TF	s c	on V	/I		8	J.VanDenBrandt	G. Warren	Feb. 4,1963	5	10	45	36	*	D,S	Yellow clay 15; grey clay stones 31; butty sand 35; grey clay stones 126; dirty gravel 12°; grev clay stones 131; dirty gravel 136; gravel sand 154. Water from 136 to 154.
TF	s c	n V	/I		12	G. White	E.Hoover & Sons	Oct. 8,1960	5	3	5			С	Topsoil 1; blue clay 56; sand 57. Water at 57.

		<b>COUNT</b>												
TH	S Con	rchest VI	er -	cont 12	W. Sadler	E. Hoover & Sons	Nov.29,1962	51	3	25	17	Fresh	D,S	Clay 65; sand 67; clay stones 122; gravel sand 125. Water from
	RS Con RS Con			13 19	Bell Telephone C. Birchmore	W. Dale	Sep.28,1960 Nov.14,1963	5 5	4 7	5 105	Flows 61	•	P D,S	sandy clay 220; clay boulders ?36; gravell" shale limestone
T.	is Con	VI	*	20	C.Silverthorne	W.L. McBeth	Oct. 9,1961	51	6	60	46		D,S	239;grey clay 246;limestone 249. Water from 246 to 249. Blue clay 50;red blue clay grovel 125;grovel 133. Water at 125.
Ta	is Con	AI		20	E. Shain	J.H.Weaver & Son	May 13,1963	1	8		2	•	s	Old well 8; brick board fill 13; brown cuicksand 20; blue quicksand 28. Water at 2.
TB	RS Con	VI	•	21	C. Shain		Oct.26,1962	1	5		17		D,S	
	is Con is Con			23 23	H. Murray R. Foster	*	Feb. 5,1960 Dec. 7,1960	1 2	4 8		20 31	:	D,S D	Old well 25; fine brown quicksand 35. Water at 20. Topsoil 1; brown clay 14; brown sand 15; brown clay 26; brown sand 30; brown hardon 31; grey quicksand 42. Water at 31.
		le Vil			W.B.Gardiner	R.A. Willits	Jan. 7,1961	5	1	125	54	Fresh	ם	Sandy soil 6;grey clay 16;grey clay grit 98;grey clay 120; grey sand pebbles clay 125;brown sand 135;grey clay gravel 150;sand gravel 159;grey shale 163;grey shale sand gravel
We	rdsvi	lle Vl	7,		D.E. Willits	Water Resources	Dec. 8,1961	5	10	125	45		D	167; grey shale 171; rock 173. Water at 158, 159 and 173. Clay 47; clay hardman streaks 118; clay hardman 125; sand grovel 132; fine sand 152; sand fine gravel 154; grey shale
28 Wa	rdsvi	lle Vl	द्		Mosa Twp.	Hadco WellDigging	Mar.27,1962	30	8	28	12		P	155; hordpan 157. Water at 125, 150 and 156. Topsoil 1; brown gand 14; brown clay 16; blue fine sond 18; blue
Wa	ris <b>vi</b>	lle V1	g		B. Gardiner	Water Resources	Apr.27,1962	7	20	30	11	-	D	cley 28; sand. Water at 12 and 17. Topsoil sand grit 8; cley mild hardban 90; fine gravel sand 105; coarse gravel 112; soft grey shale 115; dark grey shale 120. Water from 90 to 110 and from 115 to 117.
Wes		ster T	wp.	38	A. Shermen	I. Lounsbury	Augr. 18, 1960	5	4	75	71	Fresh	D	Brown sand 23;gravel stones 56;gravel 93. Water from 09 to
BF				50	W. Dunn	J.B.Johnston	Dec. 7.1961	4	4	164		rresn	D,S	93.
				50	a. bann	0 1 Di 0 maton	Dec. 7,1901	7	-	104	1 ′		D,3	95; sand gravel 104; blue gritty clay 169; fine gravel 173; blue clay 174. Water at 169.
Co	n A		*	47	L. Gallagher	W. Dale	Apr. 1,1960	5	7	102	77		N	Topsoil 4; coarse gravel 21; sand gravel 40; blue clay 73; silture and 77; clay gravel 120; brown clay 124; clay gravel 126; sand
Co	n A		•	47		*	Aug.16,1960	5	3	80	60	•	D	131. Water from 126 to 131, and from 280 to 285. Gravel boulders 67; clay gravel 69; brown clay 70; blue clay 82; gravel 85; clay 94; sand gravel 138; clay 140. Water from 64 to
Co	n A			47	J.K.Elliott	H. Siegrist	Nov.18,1960	5	4	129	16	è	D	67 and from 82 to 95. Topsoil 1; clay 37; gravel 50; clay 95; hardonn 110; sand gravel 130. Water at 130.
co	n A			47	London P.U.C.	International	Jun. 1,1961	10					T	Topsoil 6; coarse sand gravel 11; boulders cemented gravel 17;
Co	n A			47	•	Water Supply Ltd	Jun. 6,1961	10					T	clay 27; coarse gravel clay 30; clay gravel 33; grey shale 39. Topsoil 6; sandy clay 2; sand 6; clay gravel boulders 10; clay gravel 17; coarse gravel clay 23; coarse sand gravel 28; coarse
Co	n I			49	•		Jun.27,1961	4	5	38 <del>}</del>	371	Fresh	T 16-16	sand clay 29;grey shale 44. Toosoil 1;sand 3;grrvel clay 12;coarse gravel sand cemented 44;clay gravel 148;grey shale 153.
				•	O Protection of									of walls may be found at the end of Annendix C.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	Ü		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL		KIND OF WATER	USE OF WATER?	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	LESEY COUNTY			10									
Con	tmirister Twp n A 1 n A	Lot	48	C. Brown G. Curminos	I. Lounsbury J.B.Johnston	May 30,1963 Jul.11,1963	7	10 2	70 173	70 58	Fresh	D D,S	Gravel stones 70; sand 82. Water at 70. Sandy clay 6; boulders 10; send 40; blue clay 61; silt 68; blue clay 112; sand 118; blue clay 173; gravel 177. Water from 173;
Cor	n 3	"	49	O. Langtvet	I. Lounsbury	Oct. 3,1961	7	5	175	130		D	177. Topsoil 1; yellow clay stones 25; hine clay 3"; brown sand 97; hard brown sand 130; blue clay 132; brown sand 140; blue clay
	n B n B	H H	49 50	J. Dunn W. Dunn	R. Hudson W. Dale	Sep.15,1962 Mar.11,1960	36 5	1	10	8		ם	155; brown sand 176; bravel 185. Weter from 176 to 185. Sand 16. Water at 8. Yellow sand 61; clay 65; sand gravel clay 95; cerented gravel
Cor	n I	п	1	A. Hopkins	*	Jul.13,19€1	5	9	34	32		מ	148; sand 196; clay sand 247; blue shale 255. Dry hole. Clay stones 27; blue clay 43; bardonn 61; blue clay 79; sandy clay 98; cemented or yel 124; orey limestone 128. Water at
Cor	n I	n	4	T.Esler	·	Jan.25,1962	5	5	69	68		D,S	127. Old well 4; brown slay 40; so t blue clay 69; clay sand 70;
Cor	n I	*	5	St.Pierre Const	W. Dale	Jul.26,1962	5	10	12	4	Sulphur	D	gravel 72; clay 80. Water from 70 to 72. Sand 5; clay stone 22; sand clay gravel 48; grey clay 72; barip
Cor	n I		7	O. Foslett	I. Lounsbury	Jul.31,1962	5	2	50	21	Fresh	D	111;sole 17;dark limestone 138. Water from 130 to 138. Brown sand 17; arey sand 28; hardpan 45; gravel 52. Water from 45 to 52.
Cor	n I	**	12	S. Hubbel	W. Dale	Aug.20,1960	5	3	125	80		D	Brown clay 17; blue clay 55; sandy clay 109; clay gravel 130; gravel sandy clay 145; hardban 150. Water from 130 to 150.
Cor	n I	*	16	H. Voyce	R. Smith	Dec.24,1960	4	3	70	33	*	D	Hard brown clay 15; blue clay 35; silty sand 75; fine black sa
Cor	ı I	H	19	J. Beatty	w.	Oct. 7,1960	4	5	65	53	*	D	Brown clay 25; brown send 55; fine black send 72; fine send 80 Water from 72 to 80.
Cor	n I	Ħ	30	Hooks Restaurant	W. Dale	Mar.19,1960	5	12	231	18₺	•	P	Old well 24; brown send 29; sendy clay 32; fine send 38. Wate from 36 to 38.
	ı I	**	31 31	J.C.Graham P. Graham	H. Siegrist I. Lounsbury	Jun.20,1960 Jul. 8,1960	5 4	3	39 40	39 22		D D	Clay 1; clay 42; sand Fravel 47. Water at 42. Yellow clay 8; blue clay 34; sand 52. Water from 34 to 52.
	άĪ		31	W. Hood	J.B. Johnston	Nov.26,1960	4	3	32	28	*	Ď	Topsoil 2; red clay 7; blue clay 28; red sand 31; blue clay 43; sand 45. Water from 31 to 43.
Cor	ı		31	C. Shaw	H. Stewart	Dec. 2,1960	6	6	40	30	*	C	Sandy clay 40; putty sand 40; clay 90; blue clay 110; clay grav 115; sand gravel 125. Water at 125.
Cor	ı I	*	44	Johnstone & Johnstone	E.B. Hussey	Jun.30,1962	4	5	181	180	•	D	Yellow clay 20; hime clay 32; cerented gravel clay 55; and strenks clay 70; sand 80; gravelly bardoan sand 160; gravel so small stones 170; small stones arayel sand 191; bardoan gravel
	a II a II	**	2 5	J.Vandenberg H. Esler	W. Dale	Sep.20,1962 Mar. 6,1962	4 4	4 5	42 €9	10 67		D,S D	203. Water from 195 to 203. Brown clay 17; muddy sand 22; grey clay 30; sand 61. Water of 6 Old well 67; cravel fill 72; fine muddy sand 26; silty clay 33 Water from 72 to 76.
	n II n II	**	7 10	Doxa Farms G. Gracie	*	May 3, 1963 Aug.30,1961	4 5	9	63 61	61 47	"	D,S D,S	Old well fisandy clay 20; and 95; grey clay 90. Water at 00 Old well put 5; clay atones 21; blue clay 39; sandy clay 53; fisand 64. Water from 61 to 64.
Cor	n II	**	10	W. Jackson	R. Smith	Mer.15,1963	5	10	65	55		D,S	Clay 50; silty send 64; send 70; fine sand 75. Weter from 64 t
Cor	n II		29	B. Everitt	HadcoWell Digging	Oct.28,1961	30	3	45	39	**	D	Topsoil 1; brown clay 16; blue clay 32; blue sand 33; blue clay
Cor	n II	•	30	D. Crich		May 29,1962	30	2	43	38		P	40; blue fine sand 46. Water at 40. Topsoil 1; blue clay 38; blue grey sand 42; blue
	ı II ı II	×	30 31	E.H. Hearnden Huron Steel Co.	J.H. Weaver & Son W. Dale	Aug.28,1962 Jul.17,1962	1 5	6 11	60	12 55		D P	clay 44. Water at 38. Old well 12; brown nuicksand 32. Water at 12. Brown clay 24; grey clay 97; cemented gravel 103; gravel 108. Water from 103 to 108.

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M	IDDL	ISEX COU	TY	-con	t.									
		minister II	Twp	.con t 32	T.W. Johnstone	I. Lounsbury	Oct. 8,1963	5	4	50	40	Fresh	P	Yellow clay 12; blue clay 85; dirty gravel 90; hardpan 99; sand
	Con	II	*	33	Co. Ltd. F. Gosnell	W. Dale	Mer.30,1961	5	3}	56	26		D	gravel 100. Water from 99 to 100. Brown clay 14; blue clay 34; sandy clay 55; fine sand 60. Water from 56 to 60.
	Con	II	"	36	k. Wasko	"	Oct.11,1960	5	12	26	19		מ	Brown clay 11; blue clay 17; silty sand 29; fine sand 392.
	Con	II	*	36	Ont.Dept. of Highways	I. Lounsbury	Jan.30,1963	8						Nater from 29 to 39%. Yellow elay 15;blue clay 28;groy sond 65;dirty grey send clay 110;hardpan 121;grey send 125;grovel 126;hardpan 198;black
	Con	II		36		W. Dale	May 27,1963	4	10	44	16	Fresh	D	shale 200. Dry hole, Brown clay 15; grey clay 32; silty sond 34; grey clay 50; sand 57. Water at 57.
	೦೧೨	II	10	37	Produce Supply &Service Co.ltd		Feb.12,1961	8						Topsoil 42; sand 56; clay stones 63; hardban conglomerate 107; clay light sand 202; shale 204. Dry hole.
	Con	II		37			Mar. 8,1961	8	10		75	Fresh	N	Topsoil 45; hardpan 90; gravel 137; light sand clay 164; gravel 192; gravel 203. Water at 203.
		II		37			Mar.31,1961	8	15		75	"	N	Topsoil 48; hardpan 62; light sand 113; hardpan 162; gravel 201. Water at 113.
		II	**	37			Apr.21,1961	8	15		75	"	N	Topsoil 61; hordpan 92; light sand clay 189; light sand 202. Water at 202.
		II	**			-	May 25,1961 Jul.20,1961	8	20		75		N	Topsoil 50; sand clay 140; gravel 181; gravel slit 196. Topsoil 51; sand clay 147; gravel sand 192; light sand 200. Dry Hole.
283		II		481	J. Plumpidge	W. Dale	May 12,1960	5	5	121	70	Sulphur	D	Sandy clay 7;gravel 12;clay gravel 28;gravel 49;gravel clay 61;fine gravel 86;clay gravel 118;sand 131;silty sand clay 153;brown clay 179;gravel clay 215;grey shale 238. Water
ũ		II	*	495	C.E. Reeves	*	Sep.20,1961	5	9	30	30	Fresh	D	from 216 to 238. Sand 6; clay stones 34; clay sand gravel 48; sand 52. Water
	Con	III	19	48S	G. Wright	R. Smith	Nov. 3,1961 Dec.17,1962	5 2	7 marks 3	43	36 20	" "	D D,S	from 48 to 52. Brown clay 15; blue clay 24; grey clay 38; sand 50. Water at 50. Clay 35; fine sand 65. Water at 60.
	Con	III	10	1 1 1	C. Smith G. Smith G. Menning	W. Dale	Mar.21,1963 Jun.17,1963 Dec.19,1963	2 4 4	3 7 1₺	20 48	18 11 20		0	Clay 35; fine san 84, Water at 84.  Brown clay 23; soft grey clay 38; quicksend 52. Water at 48.  Old well 23; brown sand 47; fine grey sand 61. Water from 41
		III		2	H. Scott		Aug. 6,1962	5	12	34	33		D,S	to 45. Brown clay 18; muddy clay 67; sand clay 108; soft clay 132; sandy
	Con	III	**	9	T. Baker		Jun.11,1962	4	11	34	29	**	D,S	clay 162;gravel 178. Water from 162 to 178.  Brown clay stones 19;grey clay 39;sandy clay 48;sand 65.
	Con	III	**	15	St.Lawrence	**	Sep.10,1960	5						Water from 48 to 65. Soil 4; clay 46; clay sand 78; soft wlay 119; muddy gravel 140; blue clay 182. Dry bole.
	Con	III	**	15		м	Sep.30,1960	5	5	84	31	Fresh	С	Topsoil 4; clay 44; clay sand 70; clay gravel 87; soft clay 117; sand 122; sandy clay 153; sand 157. Water at 153.
		III		15	Shop Centre	I. Lounsbury	Mar.22,1961	5						Topsoil 1; blue clay small stones 3; blue clay 120; hordpan 123; dirty sand gravel 125; hortpan 145; blue clay 178. Dry hole.
		III		15		*	Apr.12,1961	5	30	40	30	Fresh	T	Topsoil 1; yellow clay 12; blue clay 114; hardpan 142; fine gravel 151; coarse sand 162; coarse arayel 180. Water from 142 to 180.
		III		15		, D. J.	May 5, 1961	8	100		30		P	Topsoil 1; yellow clay 12; blue clay 114; hardpan 142; fine gravel 151; coarse sand 162; coarse gravel 180. Water from 142 to 180.
		III		15 15		W. Dale International	Sep.25,1963 Nov.28,1963	5	8 17	82	50 42	· .	D,S	Brown clay 15; blue clay 43; grey clay stone 67; soft grey clay 113; greyed clay 116; sand 120. Water from 116 to 120.
	ws			13	Ltd.	Water Supply Ltd	100,20,1903	,	17	119	42		F	Tonsoil librarm claw arrayel 16;dirty fine sand 20;sandy grey clay 49;dirty fine sand 54; grey clay 101;sand grey clay 124; pacted gravel sand clay 127; hard backed clay arrayel 144; packed sand fine gravel clay 151; sandy grey clay 185. Water 151.
					and the same of th			1				I	1	

	LOCAT	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	SEX COUNTY INTEREST.	Twp.			International Water Supply Ltd.	Nov.29,1963	7	18	125	44	Fresh	In	Topsoil 1; brown clay gravel 16; dirty fine sand 20; sandy dray clay 49; dirty fine sand 54; gray clay 101; sandy gray clay 124; packed gravel sand clay 127; hard packed clay gravel 14 <sup>h</sup> ; packed sand fine gravel clay 151; hard sandy gray clay 185,
Con				Tower's Store		Aug.30,1961		70	94	26	*	P	Water at 151. Topsoil 1; yellow clay 16; blue clay 48; fine gray sand 57; blue clay 97; hardpan 132; sand 134; fine grayel 145; coarse grayel 158. Water from 132 to 158.
Con	III	t-	16	Conley Const.	H. Siegrist	Jul.30,1962	5 <del>2</del>						Blue clay 90; sandy clay 180; hardpan 182; black shale. Dry hole
Con	III	*	21		International Water Supply Ltd.	Feb.23,1961	5						Topsoil 2; brown clay stones 8; sticky clay 23; grey clay silt 80; coarse gravel packed sand 87; hard packed clay fine gravel 123; grey clay streaks fine gravel cemented 133; fine gravel 172; grey clay fine hard gravel dark grey limestone 178. Water
Con		н	21	Z. Podeszwa	I. Lounsbury	Oct.16,1963	5	3	90	30	Fresh	D	from 80 to 87. Topsoil 2; brown sand 4; yellow clay 16; blue clay 103; gravel 105. Water from 103 to 105.
Con	III	**	22	R. Johnston	J.B. Johnston	Aug.15,1962	42	4	45	36	**	D	Topsoil 3; red clay 16; blue clay 62; sandy blue clay 99; gravel 110. Water at 99.
Con	III	*	23	B. Hartford	W. Dale	Sep.20,1960	3	11/2	75	12	м	D	Sand 5; clay dirty gravel 29; blue clay 73; clay gravel 106; sandy clay gravel 112. Water from 106 to 112.
Con Con	IA	"	24 1	Imperial OilCo J. Yoeman	I. Lounsbury W. Dale	May 4, 1960 Apr.26,1961	4	3	12 42	3½ 6	*	D	Blue clay 32; sand 43. Water from 22 to 43. Pit 4; brown clay 11; cravel 14; clay sand 26; fine sand 47. Water from 26 to 47.
Son F Con	IA		1	E. Miners L. Greenway	*	Mar.22,1963 Sep.14,1963	4	3 1	50 54	15 24	*	D D	Brown clay 32; fine sand 62. Water at 62. Brown clay 12; Grey clay 23; muddy sand 38; blue clay 41; fine sand 58. Water from 54 to 58.
Con	IV	*	2	J. Robbins	*	May 14,1963	5	10	54	40	**	D,S	Sandy brown clay 21: muddy sand 31:soft clay 83: ouicksand 113:
Con	IV		2	G. Houlton	W. Dale	Jul.22,1963	4	41/2	77	45		D,Ş	soft clay 154; clay gravel 176; gravel 184. Water at 184. Hard brown clay 14; soft erey clay 56; quicks and 82. Water at 82.
Con	IV	*	9	H. Free	"	Dec.29,1962	5	2	264	98	•	D,S	Brown clay 20; grey clay 90; sandy clay 117; muddy sand 123; grey clay 140; clay sand 177; blue clay 230; clay gravel 244;
Con	IV	*	12	M. Murray	J.H. Weaver	Oct. 8,1963	1	3		10	*	מ	muddy gravel 250;gravel clay 277;grevel 278. Water at 27°. Old well 12;brown sand 15;blue clay 16;putty sand clay streaks 29. Water at 12.
Con			14 20	H. Anderson S.S. White Oak	R. Smith W. Dale	May 14,1963 Feb.17,1960	5	12 9	80 31	75 28	:	D,S P	Clay 10; sand 120; sand clay 200; coarse sand 208. Water at 200. Brown clay 17; gravel clay 24; clay sand 36; gravel 42. Water from 38 to 42.
Con	IA	*	21	London P.U.C.	International Water Supply Ltd.	Apr. 6,1961	2	102	38	37 <del>1</del>	,	T 7-61	Topsoil 4; grey clay gravel boulders 20; sand streaks cenented
∞n	IV	*	22	*		Dec. 5,1960	5					T 20-60	Topsoil. 1, brown clay stones 9; grey clay stones 40; sandy orey soft clay 70; coarse gravel clay 90; grey clay grevel 118; coarse gravel sand 120; derk grey clay sand 162; hard strenks dar.
Con	IV		22	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11	May 25,1961	5					T 10-61	grey clay arvel shale 200; dark arey shale 215%. Water at 120. Topsoll 1; grey clay stones 68; grey clay dirty streaks sand 108; grey clay gravel stones 115; grey clay fine gravel 177;
Con	IV	**	22	"	n	May 29,1961	5					T 11-61	dark grey clay 231; dark grey limestone 234. Water at 115. Topsoil 2; grey clay fine grevel 106; course grevel course out 109; grey clay hard streeks fine grevel 130; dark grey clay hard streeks 126; dark grey limestone. Water at 1

	ESEX COUNT												
West Con	minister T V		cont		W. Dale	Sep.20,1963	4	7월	67	51	Fresh	D,S	Brown clay 18; grey clay 46; grey clay stone 52; grey clay 68; muddy sand 87; sand 94; brown clay 97. Water from 88 to 93.
Con Con			3 5	C. Wilcox J. Edwards	*	Dec. 7,1963 May 18,1963	4	1½ 2	65 63	42 45	:	p,s D	Old well 33; fine grey sand 68. Water from 60 to 64. Brown clay 16; grey clay 57; gravel 59; grey clay 64. Water at 57.
©n ©n		*	8 9	A. Beattie B. Lee	R. Smith W. Dale	Sep.23,1960 Aug.12,1963	5	10 6	60 12	45 96		D,S D,S	Brown cley 16; blue clay 140; sand 190. Water from 184 to 190. Previously drilled 244; clay gravel 261; gray soft clay 266; clay gravel 273; muddy clay gravel 290; sand shale 291. Water
Con	Δ	•	12	L. Boughner	I. Lounsbury	May 16,1962.	5	3	130	105	•	D	at 291. Hard yellow clay 22; blue clay 69; dirty sand gravel 70; blue clay 140; fine grey sand 180; blue clay 258; gravel 259. Water from 258 to 259.
Con	A		13	A. Goven	R. Smith	Jun.24,1961	5	15	110	105		D,S	Brown clay 18; blue clay 65; fine sand 75; hard clay 105; sand 145; hard clay 240; coarse sand 250. Water at 240.
Con Con			14 14		:	Sep. 9,1961 Feb.12,1963	5	9	55	50 100	Mineral	D N	Brown clay 15; sand 60; brown coarre sand 75. Water at 60. Brown clay 26; bue clay 60; send 72; streaks sand clay 150; clay 220; hardean 230; clay sand 240; clay 308; grey rock 312.
Con	V	•	14	•	•	Feb.28,1963	5	10	180	110	Fresh	D,S	Brown clay 26; blue clay 60; sand 72; streaks sand clay 150; clay 220; hardpan 230; sand 238. Water from 230 to 238.
Con	v		15	Station	W. Dale	Sep.27,1960	4						Previously drilled 92; gravel 104; clay arrayel 118; salty sand 179; sandy clay 202. Dry hole.
Con	V	•	15	Jr.Seminary R.C. Diocese	International Water Supply Ltd.	Dec.12,1961	7	60	115	68	Fresh	P	Topsoil 1; brown clay stones 19; grey clay stones 75; fine grey silt 79; grey clay silt 87; grey clay gr vel 123; hard cemented fine gravel 127; fine gravel silt 172; grey clay hard streaks fine gravel 200. Water at 172.
Con Con	V	Ħ	15	CFPL Radio Station	W. Dale	Oct. 6,1960	5	11	74	67		P	Brown clay 11; blue clay 39; sandy clay 89; gravel 93; silty sand 130. Water from 89 to 93.
Con	v		15	Station .	"	Apr.30,1962	5	11	102	95	•	D	Previously drilled 93; sand 124; clay sand 190; gravel clay 222; gravel 224. Water from 222 to 224.
Con	V	•	16	London P.U.C.	International Water Supply Ltd.	Mar.13,1961	4	1		113	Sulphur	N	Topsoil brown claw 3;sandy grey clay stones 30;sandy grey clay fine gravel 172;grey clay hard streaks fine gravel 193; grey clay hard streaks fine gravel 243;hard grey clay shale 246;brown clay shale 256;dark grey clay shale 294;dark grey limestone 320. Water from 294 to 320.
Con	V		16	J. Warren	W. Dale	Oct. 2,1963	5	41	115	55	Fresh	D	Old well 16; muddy sand 21; erey clay 44; erey clay gravel 93; erey clay 138; dirty eravel 140; eravel 144; blue clay 147. Water from 140 to 144.
Con	A	*	19	O. Jones	*	Sep. 4,1963	7	7호	108	96	*	D,S	Old well 32;grey clay 56;coarge gravel 92;clean gravel 101; cemented gravel 136;clay gravel 160;fine gravel 163;limestone Water from 162 to 163.
Con	Al		1	D. Wesver	J.M. Wesver &Son	Feb.15,1960	1	8		22		D	Topsoil 1; brown stony clay 16; blue stony clay 22; coarse gravel 25. Water at 22.
Con	AI	н	3	T. Miklebourgh	W. Dale	Jul. 2,1963	5	8	62	44		D,S	Brown clay 14; gritty grey clay 118; soft grey clay 132; sandy clay 139; hardpan 163; hard grey clay 179; sand 181. Water at 181.
	VI VI		3 12	F. Wouters D.B. McNeill	Hadco WellDigging	Jul. 8,1963 Nov. 6,1962	4 30	6	48 45	26 35	*	D,S D,S	Old well 26; sand 43; grey clay 48; quicksand 57. Water at 57. Topsoil 6; brown sandy clay 6; brown clay 21; blue clay 35; brown sand 49. Water at 35.
Con	VI		13	A. Kunkel	W. Dale	Jun. 6,1962	5	10	72	65	*	D,S	Brown clay gravel 22; grey clay 49; sandy clay 60; rrey clay 90; clay sand 140; soft clay 179; sand 191. Water from 179 to 191.
Con	VI.		14	W. Gough	*	Jun.22,1961	5	6	72	66	×	D,S	Old well 4; brown clay 16; blue clay 63; sandy clay 74; gravel send 80. Water from 76 to 80.
Con	AI		14	•	#	Nov. 8,1962	5	72	125	110	*	B,S	Previously drilled 76; muddy sand 124; clay sand 190; gravel clay 212; gravel 220. Water at 220.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	Loc	CATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING		STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	minist	DUNTY -c er Twp. lot	cont	P.U.C.	International Water Supply Ltd.	Jul.13,1960	2	17	70	54	Fresh	т 9-60	Topsoil 1; brown clay 10; grey clay 16; silty sand 28; grey clay silty sand 28; grey clay 62; grevel sand clay 78; sandy clay 138; grey clay streaks gravel 146; gravel sand silt clay 168; sand silt gravel clay 235; grey clay gravel boulders 255; shale 266.
Con	VI		15 15	J. Tummermane R. Houghton	R. Smith	Sep. 8,1961 Aug.30,1963	5	5 12	105 96	100 90	:	D,S D,S	Clay 114; fine gravel 120. Water at 114. Blue clay 90; brown sand 130; clay 160; coarse sand 200. Water at 160.
Con		•	16	London P.U.C.	International Water Supply Ltd.	Mar. 9,1960						1-60	Clay 72; hardpan 73; hard clay small rock particles 91; fine sand 112; sand silt 165; sand silt gravel cemented 169; cemented sand silt 199; sand silt hard gravel 217; clay boulders 231; clay sand 256; hard clay 161; hard clay boulders 264; brown
Con	VI	*	16	B. Jackson	R. Smith	Jul.22,1963	5	10	116	104	Fresh	D,S	clay cemented gravel 306; shale. Brown clay 18; blue clay 47; slity brown sand 78; blue clay 92; slity sand 148; hardpan 179; boulders 182; gravel clay 225; coarse sand 236. Water from 225 to 236.
Con	VI		17	London P.U.C.	International Water Supply Ltd.	Mar.24,1960	5	20	71	66	Fresh	2-60 T	Clay 129; coarse sand silt 150; clay sand silt 178; boulders 179; gravel sand cemented silt 297; rock 298. Topsoil 1;grey clay 43; dirty silty sand 73; grey clay 145;
	A1		19 19			May 31,1960 Oct.11,1960	4	20	71	00	ricon	4-60	gravel 175;gravel clay 177;gravel 182;grey clay gravel 190. Topsoil 3:brown clay stones 8;grey clay stones 30;dark grey
	VI		19	H		Oct.18,1960	2	4	112	107	Fresh	T	silt 45;grey clay 70;grey clay fine gravel 150;grey clay hard packed gravel 205;dark grey clay 230. Topsoil 4;brown clay 12;grey clay 72;grey clay silt 98;grey clay streaks fine gravel 102;grey clay fine gravel 122;grey clay fine gravel 160; coarse gravel fine sand 195;silt clay
	VI	*	20	*		Jun. 7,1960						T 5-60	gravel 170:hard clay gravel 204; clay gravel boulders 295.
Cor	VI	•	21	-	*	May 17,1960		20		73	Fresh	3-60	Topsoil i;brown clay 10;grey clay boulders 158;gravel 191.  Brown clay 10;blue clay 121;clay gravel 125;boulders clay 128;
Cor	VI	•	21	•		Sep.19,1961	16	1000	117	97	. <del></del> .	3-60	clay gravel 137; gr vel clay 15°; clay gravel 160; gravel sand 190; sand gravel clay 191; gravel sand clay 195; gravel sand 207; alow Water et 160.
Con	ı VI	•	23	•	•	Oct.28,1960						T 24-60	Topsoil 2; brown clay stones 8; grey clay fine gravel 70; grey
Con	vI	•	23	•		Nov.29,1960	4	12	37	35	Fresh	27-60	Brown clay stones 8; grey clay stones 46; grey clay streaks silt 70; silty grey clay 157; coarse gravel sand 169½; grey clay gravel 172; hard grey clay gravel 184; hard dark grey clay 218. shale.
Con	ı VI	,	61	R.G. Anderson	H. Siegrist	May 15,1963	4			256	011	N	Old well 14;blue clay 180;hardpan sand 185;blue clay 265; black rock 266; Water et 266.
00:	ı VI		20	Ont.Dept.of Transport	W. Dele	Mar.23,1962	4	8	137	137	Fresh	P .	Brown clay 26; blue clay 54; sandy clay 69; blue clay 101; clay gravel 143; sandy gravel clay 168; fine gravel 185; sand 201; gravel 208; middy gravel 208. Water from 202 to 205.
Co	n VII	•	3	W. Barttlet	**	Dec.11,1961	. 5	7₺	62	32	*	D	Brown clay 14; clay gravel 23; blue clay 44; gravel clay 70; sandy clay 82; soft clay 128; muddy sand 140; gravel clay 170; sand 184. Water from 170 to 184.

MIDDLESEX COU											
Westminister Con VII	lot 7		W. Dale	Nov.28,1960	5	6}	35	34	Fresh	D,S	Brown clay 17; blue clay 45; muddy gravel 48; blue clay 151; sandy clay gravel 187; hordoan 221; clay gravel 239; shale
Con VII	<b>"</b> 11	P.U.C.	International Water Supply Ltd.	Jun.23,1960	5					T 7- 60	brown clay 241. Water at 239. Topsoil 1; brown clay 9; grey clay 19; silty sand 26; silty clay 50; grey clay 148; clay gravel streaks 163; grey clay 180; clay
Con VII	" 11			Jul.20,1960	5					т 10-60	gravel 245; shale 250. Topsoil 1; dirty brown sand 3; brown clay 7; grey clay 16; silty sand 20; grey clay 147; gravel 149; grey clay 152; gravel clay
Con VII	" 12		н	Jun.30,1960	5					T 8- 60	156; gray clay gravel boulders 207; clay gravel 249; shale 251. Topsoil 1; brown clay 9; gray clay 19; silty sand 26; gray clay 150; fine gravel 157; gray clay gravel 187; fine sand gravel
Con VII	<b>"</b> 13		"	Aug.18,1960	2	22	84	41	Fresh	T 13-60	clay 208; clay gravel 245; shale 250. Topsoil 4; brown clay 7; sandy grey clay stones 51; sandy grey clay fine gravel 171; grey clay silt 176; grey clay fine gravel
Con VII	* 14		н	Sep.1, 1960	2	20	60	45		T 14-60	187; coarse gravel clay 205; dirty clay dark grey clay 264; dark grey shale. Water from 197 to 250.  Topsoil 4; grey clay 19; fine sand clay 28; grey clay soft streaks stones 78; grey clay stones 105; grey clay fine gravel
Con VII	* 16	*	19	Sep. 7,1960	2	20	69	61		T	171; sand coarse gravel fine sand 219; hard dark grey clay 236. Sandy grey clay; brown clay 8; grey clay 27; grey clay sand sailt 38; hard grey clay sand gravel 76; packed streaks sand gravel clay 88; sand gravel 107; clay sitt packed sand gravel
©n VII	" 16	K. McDoneld	W. Dale	May 8,1962	5	75	891	86	*	ס	Clay silt 118; hord clay boulders 170. Previously drilled 88; sandy clay 110; gritty grey clay 167; sandy clay 188; sand gravel 191. Water at 191.
% Con VII % Con VII	" 17	H. Shore	R. Smith	Jul. 3,1962 Mar.10,1963	5 5	10 10	80 93	85 85	**	D D,S	Brown clay 16; blue clay 100; sand gravel 114. Water at 100. Clay 30; fine sand 90; sand clay 130; sand 160. Water from 130
On VII	" 17	"	*	Sep.25,1963	5	10	95	85	*	D,S	to 160.  Brown clay 35; fine brown sand 80; blue clay 112; hardown 124; fine grey sand 149; silty clay 152; coarse sand 158. Water from
Con VII	* 19	P.U.C.	International Water Supply Ltd	Sep.20,1960	2	15	58	56	19	T 17-60	124 to 149 and from 152 to 158. Topsoil 3; grey clay gravel 3-; grey clay silt 50; grey clay 130; grey clay streaks sand gravel 140; coarse gravel clay packed hard 154; coarse gravel 157; coarse gravel clay 180; coarse gravel 192; grey clay sand streaks gravel 254; dark
Con VII	* 19	"		Sep.23,1960	5					T 18-60	grey shale.  Topsoil 3;brown clay 10;sandy grey clay 21;grey clay silt stones 81;grey clay silt fine gravel 170;coarse gravel clay
Con VII	* 19	B. MacVicar	R. Smith	Jul.29,1962	5	10	135	110	Fresh	D,S	
Con VIII	* 6	A. Wills'e	W. Dale	Nov.15,1963	5	10	39	32½	m.	D,S	190. Water from 170 to 190. Brown clay 10; blue clay 30; grey clay 55; grey clay gravel 65; grey clay 90; fine sand 120; sand 125. Water from 120 to 125.
Con VIII	* 12	H. Rose		Aug. 1,1963	5	17	87	53	*	D	Brown clay 12; grey clay 37; blue clay 86; soft grey clay 152;
Con VIII	* 14	P.U.C.	International Water Supply Ltd.	Sep.13,1960	2	25	45	42	н	16-60	clay gravel 189; gravel sand 195. Water at 195. Topsoil 2; brown clay sand 10; sandy grey clay stones 108; grey clay gravel 148; coarse sand fine gravel 2142; silt dark grey clay 246.
Con VIII	<b>"</b> 15	"	*	Jun.17,1960	2	20	55	49	*	6- <sup>T</sup> 60	olsy 240. Topsoil 1;brown clay 9;grey clay 34;dirty silty sand 40;grey clay gravel 128;grey clay gravel 147;grey clay gravel sand silt boulders 186;gravel sand silt clay boulders 223;grey clay gravel 258;hard clay gravel 267:shale 280.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATI	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	IDDLESEX COUN Westminister Con VIII	Two. c	ont.		International Water Supply Ltd	Sep.30,1960	2	20	72	671	Fresh	т 19-60	Topsoil 3; grey clay stones 30; grey clay streaks silt 40; grey clay fine gravel 90; fine gravel sand silt 120; hard packed gravel clay 124; grey clay gravel silt 174; hard streaks clay gravel silt 183; fine gravel silt 197; gravel clay silt 203;
	Con VIII	*	15	P.U.C.	•	Oct.24,1960	2	16	69	.53	•	T 23-60	fine gravel silt 227; grey clay gravel 243; grey clay 264; dark grey clay shale. Topsoil 2; brown clay stones 20; grey fine silt fine gravel 40; grey clay fine gravel 50; grey clay fine gravel 90; grey clay gravel silt 100; fine grey silt fine gravel 131; silt fine gravel clay 151; grey clay hard streaks fine gravel 176;
	Con VIII		15	•	*	Nov. 9,1960	10	600	129	55	•	T 22-60	coarse gravel clay 195; hard streaks fine gravel 197; grey clay fine gravel 210.  Topsoil 6; brown clay 10; grey clay silt 61; fine sand clay 64; sandy clay gravel gravel 126; clay sand gravel 142; gravel sand clay 182; clay gravel sand 193; hard packed clay sand gravel boulder 198; gravel sand silt 227; gravel sand silt clay 228;
	Con VIII	•	17	и		Jul.29,1960	5					T 11-60	clay dirty sand gravel silt 2312. Topsoil 1;brown clay 10;grey clay 36;silty sand streaks clay 51;arey clay 56;silty sand streaks clay 81;silty sand gravel clay 112;hard clay aravel 208;sand gravel clay 240;clay
	Con VIII	•	18	-		Aug. 9,1960	5					T 12-60	gravel 255; shale 260. Water from 51 to 112. Topsoil 3; sandy grey clay 30; silt clay 50; grey clay gravel stones 150; hard packed gravel 162; clay hard grey clay boulders 172; hard clay fine gravel 247; dark grey shale.
288	Con VIII		18	L. McDowell	Hadco WellDigging	Jan.30,1963	271	2	42	35	•	D	Topsoil 1; brown clay 14; grey clay 35; brown sand 44. Water at 35.
	Gore		2	A. Roes	W. Dale	Nov.24,1960	5	7	130	90		D	Brown clay 25; blue clay 40; arrayel 43; blue clay 197; sand gravel clay 201; grayel 205; clay sand 215; grayel clay 239; shale 244; brown limestone 268. Water at 265.
	Gore	-	2	C. Adair		Feb.28,1961	5	4	104	64		D,C	Clay boulders 27; sandy clay 48; blue clay 69; sand clay 106; blue clay 173; sand 175; grey clay 189; sand 199. Water from 189 to
	Gore	•	12	K. Green	J.B.Johnston	Aug.28,1963	4	5	68	62		D	199. Topsoil 2; red clay 14; blue clay 64; send 67; blue clay 109; silty sand 114; blue clay 215; gravel sand 240. Water from 215 to 240.
	Gore NTRE NTRE		23 49 49	C. Furniss K.C. Blaxall	H. Siegrist F.W. Reicheld W. Dale	Oct.11,1962 Jun.13,1960 Mar. 8,1963	5 4 5	4 3 10	40 80 46	40 40 39	Sulphur	Д О О	Top clay 1; grey clay 190; black send 180. Water at 180. Clay stones 40; clay 164; sandstone 183. Water at 175. Pit 4; brown clay 15; grey clay 60; blue clay 140; soft clay 170; sandy clay 190; gravel clay 247; muddy sand 255; cemented gravel
	NTRE	•	54	K. Bartwestle	,	Nov. 4,1960	5	7	65	60	•	ם	277; shale 2772. Water at 2772. Clay 45; clay sand 50; clay 85; clay gravel 90; blue clay 170; sand 175; clay 190; fine sand 195; sand gravel 203; clay sand 260; gravel 269; clay 275; clay gravel 299; limestone 309. Water at 300.
	NTRE		58	H. Abray	*	Mar.22,1962	5	8	126	96	*	D	Brown clay 30; blue clay 45; grey clay 190; clay gravel 232;
	NTRE	m	58	*	,	Mar.22,1962	5	7	126	96		D	muddy sand 234. Water from 233 to 234. Brown clay 30; blue clay 45; grey clay 190; clay ar vel 232;
	NTRE		58	Ont.Dept.of Highways	C. Warren	Mar.29,1963	7						middy sand 235;grevel 239. Water at 239. Blue clay 225;grevelly clay 300;dork grey limentone 315.Dry   bole.
	NTRE		58	mrenwaya		May 11,1963	7	15	88	83		D	Brown clay 24; sand 28; blue clay 220; blue clay gravel 290;
3	*NTRE		55	R.L.Henderson	I. Lounsbury	Nov. 2,1962	7	20	110	70	•		dark grey limestone 310. Water "rom 305 to 310. Tobsoil 2; yellow cley 12; blue cley 36; hordben 85; blue clay 167; sand gravel 175; fine sand 1°2. Water from 167 to 1°2.

	IDDLESEX COUNT	ry - c	ont.										
	Westminister T	lwp. lot	cont 58	W. Luttikhof	W. Dale	Nov. 8,1963	5	7	111	84	Fresh	D,S	Brown clay 10; soft grey clay 40; muddy gravel 44; blue clay 169; grey clay gravel 211; hardpan 268; gravel 273. Water from 270
	NTRE	*	59	Ont.Dept. of	I. Lounsbury	Apr.10,1963	7	10	165	92	•	P	to 273. Topsoil 1; yellow clay 10; b ue clay 190; hardpan 213; gravel 220.
	NTRE	٠	60	P.U.C. London	International Water Supply Ltd.	Nov. 3,1960						т 25-60	Water from 213 to 220. Topsoil 3; fine grey sand 5; brown clay stones 11; sandy grey clay stones 10°; sand; grey clay fine gravel 180; grey clay hard streak: fine gravel 210; dark grey clay shale 233.
	NTRE	*	61	R. Anderson	HadcoWell Digging	Jun.17,1963	30	2	64	13	Fresh	Þ	Topsoil i;brown clay 11;grey sand gravel 13;blue clay 59; blue sand 61;blue clay 65; Water at ii and 59.
	NTRE	•	65	P.U.C. London	International Water Supply Ltd.	Dec. 9,1960					11	т 29-60	Topsoil 3; brown clay stones 9; sand grey clay stones 20; sandy grey clay streaks silt 70; sandy grey clay hard streaks fine gravel 117; coarse sand coarse gravel 125; hard dark grey clay
	NTRE	•	65	,	•	Feb.17,1961	5					T 4-61	190; some fine gravel dark grey shale 197. Topsoil 2; brown sandy clay 6; grey clay silt 28; sandy grey clay fine gravel 97; sandy grey clay 124; coarse gravel packed hard 130; dark grey clay hard streaks fine gravel 184; dark grey clay shale 197; dark grey shale 201. Water from 124 to 130.
	NTRE	*	66	J. Griffin	I. Lounsbury	Aug. 4,1960	7	20	60	50	Fresh	С	Brown sand 10; blue clay 153; hordpon 176; grovel 183. Water from 176 to 183.
	NTRE	*	66	J. Zimmermann	J.H. Weaver &Son	Aug.29,1961	1	8		18	,	Ir	Toosoil 1; brown stony clay 10; blue clay 16; brown clay 18;
289	NTRE		67	P.U.C. London	International Water Supply Ltd.	Jan.19,1961	2	42	42	41	•	т 1-61	Blue quicksand 21; blue clay 23; blue quicksand 28. Water at 18 and 23. Topsoil 1; sandy clay fine gravel 9; sandy gray clay 18; hard gray fine gravel 22; fine gray silt 25; hard demented gravel 28; gray clay fine gravel 67; coarse gravel coarse sand 92; dark
	NTRE		68	P.U.C. London	n	Jan.10,1961	2	42	49	48	*	т 30-61	grey clay hard streeks fine gravel 140; dark grey clay 199; dark grey shale.  Brown sand 11; grey clay stones 20; coarse gravel sand 23; sandy grey clay 75; coarse gravel coarse sand 100; sandy grey clay 180; hard streeks fine gravel dark grey clay 180; clay
	TRE	*	68	*		Nov.17,1960	2	10	49	31	71	т 26-60	shale dark grey shale 192. Brown sand stones 10; grey clay sandy streaks 20; grey clay silt 96; coarse gravel coarse sand 116; hard clay gravel 120; grey clay hard streaks gravel 163; hard packed fine gravel
	TRE		68		,	Jan.31,1961	2	10	44	42	•	T 2-61	165;grey clay gravel 170;grey clay hard streaks gravel 195; coarse gravel clay packed hard 190;coarse gravel 192;hed rock Topsoil 1;brown clay 2;grey clay silt 22;grey clay streaks silt 40;grey clay fine gravel 88;sand streaks gravel coarse gravel coarse sand 118;grey clay gravel 123;hord cemented
	TRE	*,	68	*	*	Feb. 9,1961	2	11	69	68	*	т 3-61	gravel coarse gravel clay packed hard 130;gray clay streaks gravel 149;dark gray clay 160;dark gray clay hard streaks fine gravel 239.  Tousoil 2;fine gravel fine sand 32;sandy gray clay 63;hard cemented fine gravel 66;gray clay gravel hard streaks 76; coarse gravel packed hard 87;coarse gravel coarse sand 144;
	NTRE	•	71	G. Brazier	W. Dale	Aug.21,1961	5	3	45	2		D	dark grey clay 248;derdk grey limestone 248%. Clay stones 14;sandy clay 38;fine sand 52. Water from 47 to
	TRE		71	Produce Supply & Service CoLtd	I. Lounsbury	Aug.24,1961	7	20		80	*	N	51. Topsoil 65; clay 120; clay sand 185; loam sand 192; silty sand
	NTRE		72	K. Rogers	W. Dale	Sep.14,1962	6	8	74	73	•	D	198. Previously drilled 75;gravel 80;muddy gravel 114;gravel 134. Water at 134.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

-	LOCATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	STATIC LEVEL	KIND OF	USE OF WATER <sup>1</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	EX COUNTY- c nster Twp. c	ont.	J. Loos	R. Smith	Sep.14,1963	5	6	135	90	Fresh	D	Blue clay 28; silty clay 121; hardpan 138; gravel clay 142; coarse
NTRE NTRE		75 76	I. Bilyes J. Sharpe	W. Dale	Mar.25,1962 Feb.18,1961	5	10 10	120 108	115 104	•	D,S	sand 145. Water from 142 to 145. Hard brown clay 40; sand 160; coarse sand 180. Water at 160. Brown clay 42; send 63; brown clay 84; sand 120; grevel 127.
NTRW		52	W. Fournie		Oct.21,1963	4	5	85	50		D,S	Water from 120 to 127. Previously drilled 177; grey clay gravel 220; grey clay 258;
NTRW		60	H.A. Nc Coy	Hadco WellDigging	Aug.30,1963	271	2	49	41	•	D	clay gravel 259; gravel 262. Water from 261 to 262. Topsoil 1; brown clay 12; blue clay 41; coarse sand gravel 44;
NTRW		63	H. Sutton	I. Lounsbury	Feb.18,1963	5	4	90	65	•	D	blue clay 50. Water at 41. Topsoil 1; yellow sand 3; yellow clay 15; blue clay 58; grey sand 60; hardoan 80; blue clay 146; hardoan 198; grey sand 224; grayel 227. Water from 198 to 224.
NTRW NTRW	*	65 65	H. Rose M. Wilkins	R. Smith	Jun.20,1962 Oct.26,1963	5 5	12 4	80 215	75 75	*	D,S	Brown clay 24; blue clay 175; sand 190. Water at 175. Brown stony clay 12; blue clay 124; stony blue clay 142; blue clay 168; hardoan 179; fine brown send 183; hardoan 215; coarse
NTRW	•	67	F. Eade	J.B. Johnston	Sep.17,1962	41	4	48	46		D	sand 218; fine sand 220. Water at 215. Topsoil 2; red clay 14; sand 42; blue clay 96; gravel sand 110. Water at 96.
NTRW NTRW		71 72	H.J. Kent E. Kelly	H. Siegrist W. Dale	Jul. 4,1963 Feb. 7,1962	4 5	<b>3</b> 8	150 58	115 57		D D	Fill 3; Clay 125; sandy clay 155; hard sand 215. Water at 215. Sand fill 6; clay sand 21; gravel 27; clay gravel 38; brown clay 56; muddy sand gravel 46; gravel 91; fine sand 93; gravel 129.
NTRW 290	•	72	P.U.C. London	International Water Sumply Ltd	Jun. 8,1961	2	20	57	54	•	T 13-61	Water from 93 to 129.  Coarse gravel coarse sand 4; grey clay coarse gravel 12; coarse gravel coarse sand 18; grey clay gravel 98; grey clay silt fine gravel 109; coarse gravel coarse sand 135; dark grey
NTRW		73	•	•	Jun.16,1961	2	20	33	29	•	T 15-61	clay fine gravel 254;dark grey limestone Topsoil 3;grey clay gravel boulders 24;grey clay gravel 45; coarse gravel coarse sand 119;hard grey clay gravel 238;dark grey limestone
NTRW	•	73	G. Driesman	W. Dale	Aug.23,1963	5	3	220	91	Sulphu	D,C	Gritty brown cley 22; clay gravel 45; sandy clay 58; blue clay 147; grittw grey clay 182; fine sand 192; hardoan 218; sand 219; hardoan 238; soft grey clay 244; brown limestone 302. Water at 302.
NTRW	•	73	P. Bice	R. Smith	Nov.25,1963	5	2	130	120	Fresh	D	Sandy brown clay 12; blue clay 49; gravel clay 54; sand blue clay 155; stony blue clay 186; stones 189; stony clay 196; fine
ntrw		76	P.U.C. London	International Water Supply Ltd.	Apr.11,1961	5				•	8-61	sand 201. Water from 196 to 201. Topsoil 4;grey clay boulders 20;coarse sand gravel 50;soft grey clay silt 55;coarse sand gravel 77;sandy grey clay fine gravel silt 108;coarse sand coarse gravel 130;grey clay fine silt 145;coarse sand coarse gravel 150;coarse gravel silt clay 172;hard grey clay fine gravel 182;hard clay fine gravel
NTRW	•	76	P.U.C. London	•	Apr.28,1961	5					9-61	Water from 20 to 50, 55 to 72, 108 to 130 and 145 to 156. Topsoil 1; brown clay stones 6; hard cemented gravel boulders 8; grey clay boulders 12; hard cemented gravel silgrey clay boulders 23; grey clay fine gravel silt 82; fine gravel silt water 97; fine gravel silt clay 108; fine gravel hard packed silt 132; grey clay fine gravel 151; hard grey clay fine gravel 193; hard grey clay fine gravel 253; dark grey limestone 255. Water from 82 to 87 and from 108 to 132.

	IDDLESEX COU												
	West Nissour Con I	1 Twp.		Rosafa Const.	W. Dale	Apr.20,1961	5	8	38	24	Fresh	σ	Sand 9; sandy clay 19; hardown stones 49; clay gravel 87; cemented gravel 108; gravel 109. Water from 10° to 109.
	Con I	**	1	K.L. Benn	н	Sep.14,1961	5	7½	37	223	**	מ	Sand 13; clay gravel 22; gravel 34; hardnan 53; sandy clay 71; blue clay 97; clay gravel 114; fine gravel 121. Water from 114
	Con I		10	A.S. Campbell	Steinman & Baird	Nov.261962	5	15	45	38		D,S	to 121. Herdpan 12;gravel 20;hordpan 30;clay 45;gritty clay 76; muddy gravel 78;gravel clay 87;coarse gravel 90. Water at 90.
	Con I	*	14	O. McGriffin	*	Jul.18,1962	5	15	40	29	•	D,S	Sandy clay 7; gravel 21; gritty grey clay 56; sand gr vel 59.
	Con I	**	16	H. Gozzard	E.B. Huzzey	Aug.25,1961	4	10	40	32	78	D	Yellow clay stones 15; clay hardban boulders 30; hardban 60; hardban gravel sand 64. Water from 61 to 64.
	Con I		16	J.L. Cove		May 22,1963	4	5	45	25		D	Yellow sandy clay 10; blue clay boulders 40; gravel stones 55; herdpan 70. Water from 65 to 70.
	Con I	•	16	M. Tye	M. Jones	Jul. 9;1963	4	8	65	35		D	Blue clay 55;gravel 60;sandv clay 75;sand 78;limestone 96.
	Con I		17	0. Lagrou	I. Lounsbury	Jan.20,1961	5	4	83	80		D	Pit 3;brown clay 6;blue clay stones 10;blue clay 30;hardpan 87;grayel 91;grey limestone 93. Water from 87 to 91.
	Con I		23	R.M. Hyatt	Steinman & Baird	May 24,1962	4	9	123	102	*	D	Brown clay 12; hardpan 39; grey clay 68; hardpan 121; grey brown limestone 153. Water from 124 to 153.
	Con II		1	L. Thornton	M. Jones	Oct.19,1962	5	10	56	55	п	D	Clay 10;gravel 30;fine sand 50;gravel 60;clay 90;sand 98;clay hardoan 116;gravel 118. Water at 116.
	Con II	100	1	B. Sher	,,	Nov.14,1962	4	8	27	23	Sulphur	ם	Stones clay 30; clay 45; sand 50; clay 75; sand 113; limestone 115.
29	Con II	*	1	E. Wakonoy	*	Jun. 6,1963	11	10	55	20	Fresh	D	Clay losm 32;gravel 40;clay 50; fine sand 107; sand stone 110; fine sand 122; cemented sand 135; rrey limestone 142. Water
	Con II		1	H. Sher	C.H. Kent	Jul.17,1963	5	13	100	18	**	Р	from 140 to 142. Soil stones dirty gravel 3; yel-ow sand 7; sandy hardpan 19;
	Wii 11			n. 0461	Ostis itelio	041.17,190)	,	12	100	10			send 25; gravel sand 100; coerse gravel 105. Water from 100 to 105.
	Con II	*	1	M. Johnson	M. Jones	Oct. 2,1963	4	8	40	30		D	Gravel 10; clay stones 35; sandy clay 54; sandy clay stones 68; coarse sand 78; coarse sand clay 96; fine sand 114; fine black gravel 118. Water at 117.
	Con II	**	9	A. Smith		Nov. 3,1962	4	8	37	37		D	Clay 10;gravel 15; clay 75; sand clay bardpan 110; fine gravel 115. Water at 110.
	Con II		10	F. Campbell	Steinman & Baird	Aug.30,1963	5	15	55	42	*	D,S	
	Con II		14	K. Hill	, Mr.	May 15,1961	5	14	33	12	Sulphur	D,S	
	Con II	,,	16	G. Irwin	M. Jones	Apr. 3,1963	5	20	20	20	Fresh	D,S	
	Con II		34	R. Hartwick	Steinman & Baird	Mar.19,1962	4	14	138	129	w	D.S	and 74. Brown clay 26;grey clay stones 54;grey clay 73;hordpan stones
	-211		29	302 713 711		,,,,,,,			130	127		~1~	130; sand 132; brown gritty clay 1°1; fine sandy gravel 155. Water from 151 to 155.
	Con II	*	36	M. Powell	E.B. Hussey	Nov.22,1961	4	5	95	80		D,S	01d dug well 25; clay stones 35; hardpan streaks clay boulders 60; hardpan clay 80; hardpan boulders 105; hard brown limestone
	Con III		1	R.I. Jennings	Kimberley Well	Jul.19,1962	6	12	38	22		D	120. Water from 110 to 120. Sandy loam 4; brown clay 46; coarse sand 52; stony clay 70;
	Con III	•	4	W. Stewart	Drilling Co. Ltd. I. Lounsbury	Oct.18,1960	5	8	40	18	*	D	coarse gravel 72. Water at 70. Brown sand 4; hardpan stones 18; hardpan 40; gravel 44; fine grey
	O TIT		,	2 2	W	V 00 444							sand 50; blue clay 68; herdpen 107; gravel 108. Water from 107 to 108.
	Con III		6	B. Smuiders	M. Jones	Nov.28,1962	4	8	32	15		D,S	Clay 8;gravel 10;clay 17;gravel 30;sand 83;fine gravel 94; clay 102;grey limestone 126. Water at 124.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

		LOCATION	ı		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
W			p. ot	cont 8	F. Cole Dom.Dept. of	R. Hudson W.D. Hopper &Sons	Aug.31,1963 Mar.10,1961	36 4	15	18 15	6 Flows	Fresh	D,S	Brown clay 6;grevel 8;stony blue clay 20. Water at 8. Sandy clay 15;blue clay 25;brdpan 62;loose rock 69;grey
	Con	III	*	15	Public Works L. Nichols	M. Jones	Sep.12,1961	5	10	75	7	•	ם	limestone 111. Water from 100 to 111. Clay 3; sand 5; gravel boulders 40; hardoan 50; sand 53; hardoan 63; sand 70; grey limestone 105. Water at 63, 67, 95, 104 and
	Con :	III		15	B. Tye	•	May 1,1962	4	10	30	22		ם	105. Topsoil 5; stones 12; blue clay stones 40; coarse gravel 45; clay hardpan 50; fine sand 55; sandy clay 80; brown limestone 100.
	Con	III	*	16	T. McFarlan	I. Lounsbury	Feb.18,1960	5	3	28	21	Sulphur	D	Water at 98. Brown soil 8;gravel boulders 12;hardban 19;blue clay 24; hardban 56;gravel 59;hardban 81;limestone 95. Water from 85 to 95.
	Con :	111			J.T. Hill J. Woodside	H. Siegrist Steinman & Baird	Dec. 6,1960 Apr.17,1963	4 5	5 12	50 53	10 38	# Fresh	D D,S	Topsoil 1; clay 60; sand 90; brown sandy rock 130. Water at 130. Sandy gravelly clay 17; grev clay 68; fine gravel 71. Water at 71.
	Con :	IV	*	3	T. Bedggood	M. Jones	Oct.11,1963	5	10	42	14	*	D,S	Old well 12; sand 60; clay 67; clay hardban \$6; sandy clay 95;
	Con :	tv		17	C. Elliott		Dec. 5,1963	4	9	90	50	*	D,S	coarse sandy gravel 101. Water at 100. Clay stones 30;soft sandy clay 50;blue clay 55;fine gravel 59;coarse cand clay 84;clay hardban 116;limestone 141. Water at 138.
	Con :	ΙV	99	19	W. Jones	*	Mar. 7,1961	5	20	32	30		D	Topsoil 2; hard blue clay 66; grovel 81; silty sand 100; hard
292	©n ∶		-	23	J. McQuade	.#	Dec.19,1963	5	10	90	10		D,S	gritty rock 114. Water at 66 and from 100 to 114. Clay 18; fine sand 23; herd clay 65; sand stones 67; clay stones 97; fine sand 115; sandy clay 130; sand 142; coerse sand 147; limestone 201. Water at 200.
	Con I			24 1	B. Hounsell R. Suchan	H. Hudson M. Jones	Jul.10,1962 Sep.21,1961	36 5	6	16 17	9 16	:	ם	Hard blue clay 17; stones 18. Water at 17. Sand 6; clay stones 18; boulders sand 22; hardoon 30; sand 42; hardoon 42; sand boulders 50; hardoon 71; sand 76; hardoon 89, gravel sand 91; grey limestone 96. Water at 47, 71, 90 and 96.
	on V		•	1	N. Derewlany	*	Sep.18,1962	4	10	20	16	Sulphur	- C	Sand grovel boulders 14; sandy hardban 64; sandy clay 75; hardban gravel 85; sand 90; brown limestone 94. Water at 932.
	on V		•	10	W. Kraus	R. Hudson	Nov.11,1961	36	2	28	10	Fresh	D	Clay stones 12; hard blue clay 29; stony hardpan 30. Water at
	on V	į į	•	10	V. Agnes	K. McLeod & Sons	May 28,1962	4}	6	23	50		D	29. Brown clay 16; blue clay 45; hardoon stones 85; gravel 87. Water at 87.
	on V				F. Ivity A. Shannon	R. Hudson	Jun.23,1962 Jun.26,1963	36 36	1	20 19	8		ם	Topsoil 3; sand 9; blue clay stones 20. Water at 8. Brown clay 9; sandy clay 15; gravel 16; blue clay 20. Water at 9.
	on V				K. Andruszko	H. Siegrist	Aug. 7,1960	5	4	86	9 60	*	D,S	Topsoil 1; hardnen 45; sand 61; clay 80; sand 81; clay 85; hardnen gravel 100; hard packed gravel 111. Water at 111.
	on V			18	C. Wonnacott	Steinman & Baird	Sep.14,1962	4	12	75	61	•	D,S	Gravel 100; name backed gravel 111. Water at 111. (Clay 17; gravely clay 110; brown grey limestone 127; brown limestone 130. Water at 129.
	on V	,		21	W.F. Pairhall	M. Jones	Oct. 5,1961	5	6	145	46	•	D,S	Clay 3; hardpan 92; gravel 97; hardpan 147; limestone 148; sen: 150; grey limestone 192. Water at 44, 101, 117, 148, 173, and 180.
	on V		*	21	T. Monteith		Nov.16,1963	4	20	60	50	•	D,S	Clay stones 50; fine send 54; blue clay 70; sand stones 85;
	lon V	,	•	23	E. Annett	N. Steinman	Jun.26,1960	4	7₺	96	56	•	D,S	stones clay 120; fire sand 132; limestone 150. Water at 147. Brown clay 57; streeks sandy clay 60; brown clay 97; bertben stones 129; brown clay 144; berben 166; brown clay 166; arey limestone 1°5. Water from 170 to 1°4.

		ESEX COUNT Nissouri												
	Con			25	A. McQutcheon	M. Jones	Mar.17,1962	4	8	30	15	Presh	s	Topsoil clay 10; fine sand 20; b'ue clay 40; stones clay send 60; fine sand 68; clay hardpan 118; fine sand 140; dark brown limestone 142. Water at
	Con	v		26	G. Lindsay	•	Mar.24,1962	4	8	25	24	•	ם	62 and 140. Brown clay 31; fine sand 38; yellow clay 55; fine sand 64;
	Con	٧	Ħ	34	N. Baker		Dec.12,1961	4	9	100	90	•	D,S	hardpan clay 90; gravel 92. Water at 90. Clay loam 7; coarse sand 20; yellow clay 35; stony gravel 40;
	Con	٧	•	34	J.F. Annett	Steinman & Baird	May 11,1963	4	14	104	93	•	D,S	blue clay 50; fine sand stones 100; gravel 130; fine sand 146; dark brown limestone 153. Water at 35, 100 and 150. Stony fill 6; gritty harben 10; gravel 15; gray clay 96; brown shale 99; gray brown limestone 164; gray limestone 172; brown limestone 205. Water from 198 to 204.
	Con	VI		2	B. Clipperton	K. McLeod & Sons	Apr.21,1961	4	6	25	20	•	D,S	Gravel 15; sand 30; brown clay 60; stony hardpan 87; fine gravel
	Con	VI		2	H.J. Vangeel	Kimberley Well	Jul.11,1962	6	8	40	20		D,S	92; grey limestone 97. Water at 97. Brown cley 8; stony harden 58; stony clay 90; coarse gravel 94.
	Con	VI	*	3	K. Kusmenko	Drilling Co. Ltd. K. McLeod & Sons		4	5	50	40	•	D	Water at 94, Sand gravel 40; blue clay 55; hardpan 76; gravel 77. Water from
	Con	VI		12	J. Koegler	Steinman & Beird	Nov.14,1962	4	7	65	45	*	D	76 to 77. Sand 15;gritty clay 64;stony hardban 107;brown limestone 116;
	Con	VI.	*	16	H. Mitchell	I. Lounsbury	Feb. 8,1960	5	4	80	43	•	D	grey limestone 126. Water at 126. Brown sand 8;blue clay 16;grey sand 25;hard brown sand 64; hardpen 124;gravel sand 128;limestone 141. Water from 130 to 141.
**	Con	VI		27	W.D. Switzer	M. Jones	Jul.19,1961	5	10	110	61	•	D,S	Topsoll 2;herdpen send rock 73;send cley stones 110;herdpen 121;coarse grevel bardpen 136;fine send 138;brown grey
293	Con	<b>V</b> I	•	33	W. Facey	•	Jan.25,1962	4	8	100	98	•	D,S	limestone 155. Water from 136 to 138 and at 141. Clay 25;sand 30;clay 45;sandy clay 155;brown limestone 142; clay 165;brown limestone 175;sand stones 226;brown limestone 232. Water at 228.
	Con	AI		36	O. Annett	W.D.Hopper & Sons	May 2,1961	4	10	105	102	•	D,S	Topsoil 3; yellow clay 15; sandy clay 30; hardpan 135; loose rock
		AII		32 9	G. Clark V. Corbin	R. Hudson K. McLeod & Sons	Jul.12,1963 Apr. 4,1961	36 4	6	16 45	6 35	:	D,S D	139; brown limestone 235. Water from 200 to 235. Brown cley 4; gravel 6; blue clay 16; Water at 6. Blue clay 45; hardpan stones 100; gravel 102. Water from 100 to 102.
	Con	AII	*	23	R. Wakem	M. Jones	Jun.26,1962	4	10	50	45	*	D,S	Old dry well 6; clay 20; fine dirty sand 40; clay 67; sandy clay 139; limestone 140; fine sand 159; limestone 166. Water at 164.
	ζon	AII	*	25	D. Metcalfe	•	Aug.28,1961	4	8	80	60		D,S	Clay 15;gravel 50;stony clay 70;stones clay 120;gravel stones 150;dark limestone 158, Water at 154.
	Con	AII	•	28	D.H. Conn	•	Aug. 4,1961	4	12	60	27	₩.	S	Red clay rocks 10; blue clay rocks 30; hardman 57; sandy clay 65; clay gravel 84; hardman 98; limestone 101; sand gravel 105; light brown limestone 110; dark light brown limestone 112; light brown limestone sand crystals.117. Water from 101 to 105 and at 112.
1		Williams										_		
	CRW		lot	_	B. Jackson	A.A. Heal	Mar.15,1960	4	4	52	52	Sulphur	D	Topsoil yellow clay 10; sand 11; blue clay 106; sand clay streaks 2072; limestone 2102. Water at 210.
	CRW			22	R. Grey		Jun.22,1960	4	5	112	100	Fresh	D	Topsoil yellow clay 14; clue clay 169; soft limestone 171. Water from 169 to 171.
	CRW			23	D. Gooding		May 10,1962	4	4	120	108	••		Yellow topsoil 16; blue clay 1812; limestone 1822. Water at 182.
	Con	VII	•	11	M. Carson		Dec.20,1962	4	4	68	56	•	D,S	Topsoil gravelly clay 6; sandy clay 40; sand 44; sandy clay 82; clay 106; middy sand 130; sand mud 136; fine gravel sand 143. Water from 136 to 143.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	WATED	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	DDLESEX COUNT lest Williams Con VII	Two.	cont	G. Herrington	A.A. Heal	Apr.32,1963	4	21	34	22	Fresh	ם	Topsoil sand 3; yellow send 6; sendy clay 15; gravel 28; sand 33; clay 34. Water from 28 to 33.
	Con X Con X		10 10	A. Kustermans	:	Oct.22,1960 Oct.22,1960	4						Topsoil yellow clay 15; blue clay 45; sandy clay 65. Dry hole. Topsoil yellow clay 15; blue clay 44; gravelly clay 62; blue clay 92; gravel sand 95; sandy clay 120; blue clay sand streaks 200. Dry hole.
	Con XIV		15	A.H. Sercombe	•	Sep.24,1960	4	12		8	Fresh	N	Topsoil yellow clay 14; blue clay 53; muddy sand gravel 55; sand 56. Water from 53 to 55.
	Con XIV	•	15	•	•	Sep.26,1960	4	1	46	3		מ	Toosoil yellow clay 13; blue clay 46; muddy sand 49. Water from 46 to 49.
	Con XIV	-	17	R. Wilcocks		Sep.25,1963	4	4	70	52	Sulphur	D	Topsoil sandy clay 25; critty clay 75; sandy clay 120; clay 160; sandy clay 166; dark limestone 169. Water at 169.
	Con XV		9	T. Hendrikx		Oct.24,1960	4			10	Fresh	N	Topsoil yellow clay 14; blue clay 40; sandy clay 49; blue clay 60. Water from 41 to 44.
	Con XV	*	9	*	*	Oct.28,1960	4	2	43	10	*	D	Topsoil yellow clay 14; blue clay 38; muddy sand gravel 40; sand 44. Water from 40 to 44.
	Con XVII		22	A. Sangster	*	Feb.10,1960	4	24	150	50		D	Topsoil sand 16; sandy clay 22; blue clay 156; limestone 159.
	Con XVII		23	W. Sadler		Aug.18,1961	4	3	66	35		D,S	Water at 156. Topsoil sandy clay 7; blue clay 110; gritty clay 125; clay 1392;
	Con XVIII		7	New Dundee Co-	Ladco Drilling	Oct.25,1963	5	10	135	130	Sulphur	In	Soft limestone 1412;dark limestone 144. Water at 144. Brown clay 12;grey clay 1562;brown limestone 158. Water from
83	Con XIX		4	op. Creamery K. Pascoe	A.A. Heal	Feb.22,1960	4	5	94	92		С	Toosoil yellow clay 14; sand 16; blue clay 163; limestone 1642.
294	Con XIX	*	20	V. Blanchard		Jan.14,1961	4	5	60	60		D	Water from 163½ to 164½. Topsoil yellow clay 15; blue clay 158; loose limestone 160; blue
	Con XIX		21	R. Quick		Aug.24,1961	4	4	98	56	Sulphur	D,S	clay 172; limestone 173. Water from 172 to 173.   Yellow topsoil 12; blue clay 150; gritty clay 1762; dark
	Con XXI	•	8	H. Schepers	R. Smith	Jun.26,1963	5				Gas		limestone 180. Water at 179%. Brown clay 25; silty brown sand 37; blue clay 66; gravelly clay 100; stony clay 170; hardpon 205; stony clay boulders 279; white rock 335. Dry hole.
	Con XXI		8		•	Jul. 6,1963	5			110	Salty	N	Brown clay, 25; silty sand 32; stony blue clay 45; sand blue clay 42; hard clay 98; silty brown sand 115; clay streaks sand 160; blue clay 183; hardban 210; stony black clay 277; rock 290. Water at 280.
	Con XXI Con XXI		16 14	G. McLachlan Boy Scout of Canada	,	Mar.15,1961 Jun.28,1961	5	10 35	80 35	35 27	Sulphur Fresh	D P	Brown clay, 10; blue clay 148; arey limestone 153. Water at 153. Yellow sand 35; fine sandy clay 11; soft blue clay 142; clay sand gravel 155; blue clay 195; corrse sand gravel clay 195; soft muddy sand 200; hard clay stones 205; limestone 215. Water from 27 to 36, and at 205.
NO	RPOLK COUNTY												
	Con A			K.O'Brian	R. Hodgson	Apr.10,1960	2	50		13	Fresh	Ir	Topsoil 2; yellow sand 10; brown sand 20; coarse sand 26. Water
	Con A	50.5		G. Tontsch		Aug.12,1960	8	500	250	85	Sulphur	Ir	from 20 to 26.
													clay 225; clay 275; rock 280; limestone 320. Water from 280 to 315.
	Con A	*	10	G. Tontsch		Apr.15,1963	5	5	85	78		D,S	Sand 12; grey clay sand 75; arey clay 100; soupy sand 165; arey clay 275; limestone 282. Water at 282.
	Con A	*	13	Ont.Dept. of Lands lForests	C. Goodberry Well Drilling Ltd.	Jun. 5,1961	6	90	115	101	•	P	Sand 125; blue clay 224; hardown 296; blue limestone 307. Water at 301.

	Con I	**	12	J. Ferris	G. Warren	Jan.18,1961	5	10	24	20	ж	D	Yellow sand 14; clay sand 25; yellow sand 32; clay 24; sand 44. Water from 24 to 44.
	Con I	Ħ	12	C. Baloniuk	R. Hodgson	Mar. 7,1963	5	8	26	24		D	Fill 7; clay sand 22; brown sand 35; coarse sand 43. Water from
	Con I	*	15	J. Rimkus	•	May 30,1962	5	6	55	55	•	D,S	35 to 43. Topsnil 2; sand 15; clay 45; sand clay 60; coarse sand 70. Water from 62 to 70.
	Con I	H	15	*	m	Jun.10,1963	5	20	32	31		Ir	Torsoil 2; yellow sand ?5; brown sand 42; coarse sand 51. Water from 42 to 51.
	Con I	**	17	K. Kellar	R. McKenzie	Jul. 9,1962	4	10	60	30	Sulphur	D	Yellow sand 6; arey send 20; arey clay 184; limestone 215. Water at 215.
	Con I	19		Rev.R. Smith	*	Jul.18,1962	4	5	24	21	Fresh	α	Yellow sand 6; orey sand 31. Water et 21.
	Con I Con I	10	17	N. Farrill L. Clapdorp	E. Stewart	Aug.14,1962 Mar.27,1963	4	4	37 273	28	Minerel	. c	Yellow sand 6; rey san' 44. Water at 35. Sandy loam 30; clay gravel 195; quicksand 234; hard clay 244;
	con 1		15	n. or spaorb	D. GUEWALU	nar. 2/, 190)	)	0	20	70	MINGLET	, 0	brown limestone 283. Water from 250 to 283.
25.5	Con I	11	21	A. Smith	R. Hodgson	May 5,1960	4	6	60	57	Fresh	D	Clay 60; nutty sand 110; clay 130; soupy sand 165; clay 170;
36	O *			7	*	0.1.00.40/0	_		44	21.		_	white limestone 192. Water at 190.
٠.	Con I Con II	**	22	H. Lawrence E. Quibell	R. McKenzie	Oct.29,1962 May 27,1963	5	4	44	34 16		ם	Topsoil 2; yellow sand 10; sand 42; sand 52. Water from 42 to 52. Fill 6; grey sand gravel 10; grey sand 16; clay 19; grey fine
	WII 11		2	D. QUIDEII	n. nonenzie	11ay 27,1905		'		10		-	sand 28. Water at 19.
	Con II		6	J. Borbeley	T.VanKessel	May 2,1962	1	5	10 24 44	10			Topsoil 4; fine sand 19. Water at 10.
	Con II	11	8	J. Van Hove	G. Warren	Jul.10,1962	5	50	24	9		Ir	Yellow sand 7; arey clay 22; sand 56. Water from 40 to 56.
	Con II	99	14	T. Waniuk	R. Hod rson	Aug.1, 1963	4	6	44	44		D	Sand 13; clay 36; sand clay 53; coarse sand 62. Water from 53
	O TT			7/ 1// 2 2	B WV3	T h 40/0		10	,	,			to 62.
	Con II Con II		15	K. Will	T. VanKessel	Jun. 4,1963 Jun. 6,1963	2	60	6	6		C	Topsoil 5; medium sand 17. Water at 6. Fine sand 6; medium sand 17. Water at 6.
	Con II		18	S.R. Rowling	R. McKenzie	Jul.12,1963	7	50	61	56	*	D	Old well ?8; brown sand 36; muddy brown sand 66; brown sand 75.
	OOH 11		A12	O.M. HOWITHY	n. McKenzie	041,12,1905	4	2	01	50			Water at 66.
	Con II	19	21	T. Lasanowski	R. Hodgson	Jun.22,1962	8	100	46	31	*	Ir	Topsoil 2; clay sand 15; sand 25; clay sand 40; sand 49. Water
						,							from 40 to 48.
	Con III	**	7	H. Sharpe	R. McKenzie	Sep.14,1960	5						Old well 10; brown sand 12; rey clay 44. Dry hole.
	Con III	**	7	A. Gurr	S. Linton	Apr.13,1963	1	3		10	Fresh	D	Open pit 5; fine sand 18. Water at 10.
	Con III	18	8	J. Pasztor	R. Hodgson	Dec.18,1962	2	3	28	15		D,S	Topsoil 2; yellow sand 18; clay sand 27; fine sand 31. Water

10 40

15 45

5

6

5

5

5 2

2

4

146

34

115 Sulphur

Fresh

125

23

15

24

at 312.

et 306.

sand 27. Water at 16.

from 27 to 31.

to 70.

brown send 65. Water at 56.

D

105

139 156

3

3

5

Sand 129:blue clay 230:hardpan 298:blue limestone 317%. Water

Sand 134; blue clay 216; hardoan 2994; blue limestone 309. Water

Black muck 14: brown fine sand 20: brown sand 35. Water at 31.

Brown sand 6; grayel 7; brown sand 16; fine sand 21; fine grey

Yellow sand 15; sand clay 35; grey sand 43. Water from 35 to

Dug well 4; soupy sand 35; sand 45. Water from 38 to 45.

Open hole 12; cloy sand grovel 30; sand 67. Water from 48 to

Yellow sand 13; dirty sand 29; fine sand 39. Water from 29 to

Topsoil 1; yellow sand 15; soupy sand 65; sand 73. Water from

Yellow sand 15:clay 30:sand clay 60:sand 70. Water from 60

Topsoil 1; yellow sand 8; clay 11; sand 50. Water from 40 to 50.

Sand 13; grey clay 28; sand 31; clay sand stone 48; grey clay 56;

Jun.28.1961 6

Jul.25,1961

Jun.10,1963

Sep.25,1963

Mar.28,1960

May 11.1962

Nov. 1,1960

Mar. 8,1963

May 7, 1962

Sep.19,1960

Mar.30,1962

May 28,1962

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1

5

C.Goodberry Well

R. McKenzie

R. Hodgson

G. Warren

R. Hodgson

R. McKenzie

R. Hodgson

55 1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

10

27

22

35

25

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Con III

NORFOLK COUNTY -cont. Charlotteville Twp.cont

lot 13

\* 15

" 16

Con A

Con A

Con A

Con A

Con I

Ont.Dept. of

Brantford Boy

Scout Club

H. Hecker

W.M. Cody

W. Godfrey

L. Lefler

" 14 F.Bergmanshoff

H. Whitehead

A. Deseranto

" 10

m 12

W 12

14

\* 14

" 12 S. Howath

L.T. Kissell

Lands & Forests Drilling Ltd.

LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Charlottevill												
Con III	lot	14	H. Miller	R. Hodgson	Jul. 4,1962	4	6	45	45	Fresh	D	Topsoil 1; yellow sand 15; clay sand 55; sand 64. Water from 55 to 64.
Con III Con III		15 15	E. Jacobs Norfolk Farms	T. VanKessel R. Hodgson	Aug.13,1962 Mar. 7,1963	2 5	50 8	19 51	19 50		Ir C	Pine sand 19; coerse sand 28. Water at 19. Clay 25; clay sand 35; send 50; coerse sand 62. Water from 50 to 62.
Con III		17	Ltd. V. Veveris	*	May 27,1960	2	60		19		Ir	Topsoil 2; yellow sand 12; brown sand 20; sand grav 1 27. Water from 20 to 27.
Con III	•	19	K.S. Ingleman	' <b>#</b>	Aug.15,1961	5	7	35	32	•	D	Tonsoil 1; clay 4; sand clay 19; clay stones 40; sand clay 58; grey sand 68; sand 75. Water from 68 to 75.
Con III		19	J.E. Cooper	R. McKenzie	Aug.22,1962	4	9	52	34		3	3rown sand 17; grey sand 35; gravel 40; brown sand 50; medium brown sand 64. Water at 43.
Con III		20	Twp. Fire Hall	R. Hodgson	Apr. 4,1960	5	6	45	30		P	Topsoil 1; yellow sand 5; white sand 20; clay 40; soupy sand 45; fine sand 60. Water from 45 to 60.
Con III Con III		20 20	P. A. McCall H. Swayze	R. McKenzie R. Hodgson	Aug.17,1960 Jan.15.1963	2 5	3	45	42 40	:	D D	Sand savel 27; clay 42; grey sand 55. Water at 42. Old well 6; sand 33; clay sand 48; medium sand 56. Water from 48
Con III	*	20	A. Franks	•	Jun.24,1963	4	2 <del>1</del>	95	35		D	Old well 50; clay 80; clay sand 90; fine sand 100. Water from 90 to 100.
Con III	•	21	J.E. Cooper	R. McKenzie	Feb.25,1963	4	4	36	14	•	D	Topsoil 4; clay 5; brown sand 12; grey clay 38; fine grey sand 48. Water at 38.
Con III		22 22	J. Abby H. Jaruis	R. Hodgson	Sep. 3,1962 Jun. 5,1963	4 4	6	38 32	37 30	*	D D	Sand 15;sand clay 25;sand 57. Water from 50 to 57. Sand 2;gravel 28;sand silt 37;coarse sand 46. Water from 37 to 46.
ocon III		22	L. Roberts	R. McKenzie	Jun.14,1963	4	5	44	42		D	Mixed topsoil 4; brown sand 39; brown clay 43; brown sand 58.
Con III	H	23	D.A. Walker		Aug. 3,1963	1	5		11		D	Water at 42. Pit 7;brown sand stones 14;grey quicksand 26. Water from 14 to 26.
Con IV		10	T.Raytrowsky	R. Hodgson	Dec. 6,1963	2	3		13	*	D	Fill ?; yellow sand 12; sand hardpan 16; fine sand 27. Water
Con IV	*	11	S. Suczs	R. McKenzie	May 18,1961	1	6		14		Ir	from 19 to 27.  Open pit T; sandy stones 12; sandy clay 18; fine grey sand 33.  Water from 18 to 33.
Con IV Con IV		12 14	G. DeCarolis F. Bouckhuyt	S. Linton T. VanKessel	Oct.30,1963 Apr.17,1962	6 2	3 10	42	30 42	:	D D	Open pit 6; fine sand 46. Water at 30. Clay 15; fine sand 25; hardpan 26; fine sand 42; gravel 47. Water at 42.
Con IV		14	S. Mound	W	Sep.27,1962	2 2	8 30		25 19 18	. :	D T	Fine sand 25; coarse sand 32. Water at 25. Yellow sand 2; grey sand 19; sand 29. Water from 20 to 29.
Con IV	ä	17 17	W. Smith	R. Hodgson	Apr. 18, 1963 Jun. 7, 1963	2	30	i in	18		Ir	Topsoil 2; lcsm 6; sand 30. Water from 18 to 30.
Con IV		19	G. Kerry		Sep.20,1962			48	45		D	Topsoil 2; clay sand 10; clay 45; sand 48; clay 54; sand 63. Water from 54 to 63.
Con IV		20	O. Snow		Mar. 4,1963	5	5	44	35	_	D	Topsoil 1; yellow send 14; clay sand 45; fine sand 53. Water from 45 to 53.
Con IV		20	Norfolk Farms G. Church	R. McKenzie	Mar. 8,1963 Mar. 9,1963	1	5		10		Ir D	Old well 11; brown sand 17; grey fine sand 28. Water at 11. Old well 13; brown sand 22; brown sand clay 25; brown sand 29. Water at 13.
Con IV		20	D. McCall	•	Jul. 4,1963	4	5	60	18	*	D,C	
Con IV		21	H. Oaks	T. VanKessel	Oct.16,1961	1	4		10		D	Sand 4; fine sand 12. Water at 4. Sand 10; fine sand 15. Water at 10.
Con IV Con IV	w	21	P. Brown T. Jakubiec	R. McKenzie	Nov.15,1961 Mar.14,1963	2	4		15		D	Old well 19; brown muddy sand 25; brown sand 35. Water at 25.
Con IV		23	W. Gorodnick	T. VanKessel	Aug. 16, 1961	1	7 8		19		ם	Sand 19;grevel 25: Water at 19.
Con IV Con V	*	24 11	J. Moore R. Smith	G. Warren T. VanKessel	Jan.20,1961 Sep.11,1962		8	26	20 13		D	Yellow send 35; send 46. Water from 35 to 46. Fine send 13; quicksend 20. Water at 13.
with 4		11	are Difficult	T. salmesser	Jop. 11, 1902				1		"	- THO OTHER TANGET OF MODEL OF 13.

	ORFCLK COUNTY	Tw	D . CO1	nt	i•				. 1	1		i i		ı
	Con V	10	t 12	•	J. Decarolis	R. McKenzie	Feb. 2,1963	4	3	160	30	Sulphur	Ir	Brown sand 20;grey sand 85;grey send clay 90;grey clay 101; fine grey send 135;grey clay 227;very hard rock gas 242. Water at 85 and 238.
	Con V Con V		13 14	-	E. Engel A. Beurtling	T. VanKessel	Jun.15,1962 Oct.11,1961	1 2	6 8	20	20 41	Fresh	D	Tonsoil 4; brown clay 20; fine sand 28. Weter at 20. Sand 5; brown clay 20; fine send 41; medium sand 47. Water at 41.
	Con V	×	21		C. Wilks	R. McKenzie	Nov.28,1962	4	8	46	40		D,S	Old well 23; brown send 45; brown clay 47; brown coarse send 61.
	Con V	•	21		P. Wilks	*	Apr.29,1963	4	9	44	37	•	Ir	Pit 7; coarse sand 15; brown clay 17; brown sand 33; grev clay 50; brown sand 67. Water at 50.
	Con V		22		L. Vadja	R. Hodgson	Jan.20,1 <b>9</b> 60	8	6	175	35	Fresh	Ir	Tobsoil 2; clay sand 10; sand 70; clay 80; soupy sand 160; clay 170; soupy sand 200; clay 209; shite limestone 315. Water at 213,230 and 312.
	Con V		24		McKnight Bros.	R. McKenzie	Aug.14,1963	2	9		32		D,S	Open well 9; clay sand 16; brown muddy sand 37; brown coarse sand 40; coarse gravelly sand 46. Water at 37.
	Con VI		1		G. Oakes	R. Hod⊽son	Aug.16,1962	2	2 <del>1</del>	30	24	*	D	Top sand 2; yellow sand 14; clay sand 30; fine sand 35. Water from 30 to 35.
	Con VI		3		J. Grela	T. VanKessel	Nov. 7,1962	1	8 56	16	16	*	D,S	Fine sand 6; grey clay 16; coarse sand 25. Water at 16.
	Con VI Con VI				F. Heirwegh W. Rell	R. McKenzie C. Strome	May 23,1961 Jun.26,1961	1	6		13		Ir D	Sand 10; clay 12; fine brown sand 23. Water from 13 to 23. Topsoil 2; wite sand 13; dark sand 17. Water at 2.
	Con VI	"	9	1	W. Smith	R. McKenzie	Feb. 28, 1962	1	2		18		D	Yellow sand 4; clay brown stones 18; fine grey sand 26. Water at 18.
	Con VI		9 12		M. Johnson T.S.A.	W. Burwell R. McKenzie	Oct.13,1962 Sep. 7,1962	5 4	3 7	30	14 29	"	D P	Sand 10; clay 20; sand 30; fine sand 43. Water at 30. Topsoil fill 2; clay 12; brown sand 42; grey sand 53; Water at 29.
297	Con VI Con VI	**	12		J. Whitehead		Oct.20,1961	1 2	10 21/2		13 17		D D	Fill 5; grey sand 10; stony clay 11; brown sand 23. Water at 13.
-	Con VI		13	1	C. Yates	•	Jan. 7,1960 Dec. 9,1961	1	4		18		D	Fill 4; grey sand 26. Water at 17.  Brown sand 12; white sand 16; brown sand 28. Water at 18.
	Con VI		18		R. DeGroote	R. Hodgson	Oct.12,1963	4	5	47	46		D D	Sand 12; clay 22; clay sand 48; sand 58. Water from 48 to 58.
	Con VI		19		F. Spohn	-	Jul.14,1961	5		35	35			Topsoil 1; sand 4; clay 21; sand clay 39; sand 47. Water from 40 to 47.
	Con VI	•	22		N. Matesca	*	Mar. 8,1960	8	6	135	42		Ir	Yellow sand 2;brown send 25;cley send 70;soupy sand 155;cley sand 170;soupy send 190;cley 202;wite limestone 280. Water at 202, 228, and 275.
	Con VI	*	23		J. Seifert	•	Mar.21,1962	2	4		28	•	D	Tonsoil 2; yellow sand 15; brown sand silt 36; fine grey sand 47; Water from 36 to 47.
	Con VI	*				T. VanKessel	Apr.10,1962	1	15	18	18	:	Ir	Topsoil 3: fine sand 27. Water at 18.
	Con VI Con VII		23		E. Adams N. Horvath	Warren WaterWells J.H.Weaver & Son	Mar.22,1963 May 2, 1961	5	10	30	20 15		D,S	Yellow sand 25;grey fine sand 46. Water from 25 to 46. Topsoil 1;yellow sand 5;white sand 15;blue quicksand 25.
			1					4						Water at 15.
	Con VII					R. Hodgson	Oct.28,1961		3	23	10			Topsoil 2; sand clay 4; yellow sand 19; fine sand 24. Water from 19 to 24.
	Con VII		5	1	H. Caughill	•	Aug.10,1962	5	9	24	17	•	D	Yellow sand 8; clay sand stones 29; sand 34. Water from 29 to 34.
	Con VII Con VII		10 10		V. Duwyn	R. McKenzie	Aug.1, 1961 Jul.14,1962	2	20 20		9		Ir	
	Con VII		10		ï		Jul.16,1963	2	18		9		T	Topsoil grey sand 14; grey sand 25. Water at 14. Yellow sand 6; brown sand 23; grey clay 31; grey quicksand 37.
	Con VII		12	1	L. Smith	T. VanKessel	Aug.11,1960	1	5		5		D	Water at 11. Sand 5; fine sand 15. Water at 5.
	Con VII		13	1	Elmwood S.S.	R. McKenzie	Oct.15,1961	2	25		16		P	Yellow sand 2; brown sand 26. Water at 16.
	Con VII				J. Sprau D.H. Wilson	T. VanKessel	Apr. 5,1962	1 2	20	17	17	:	D,S	Sand 8; hard brown clay 15; fine sand 28. Water at 17.
	Con VII					R. Hodgson	Dec.14,1961				23			Old well 10;gravel 15;sand 23;fine sand 30. Water from 23 to 30.
	Con VII	•	15		C. Chambers		Dec.15,1961	2	7		12	•	D	Black soil 2; yellow sand 10; sand clay 18; sand 24. Water from 18 to 24.
				- 1				1			1		ı	E. C.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY Charlotteville												
Con VII Con VII	10	t 19 24	F. Kawa M. Wagner	S. Linton R. McKenzie	Oct. 5,1960 May 31,1961	1 2	6 4		6 26	Fresh	D D	Fine sand 16; blue clay 20. Weter from 6 to 16. Sand stones 4; clay 9; brown sand 19; grey clay 21; brown fine sand 42. Water from 21 to 42.
Con VIII	•	5	P. Ragany	R. Hodgson	Nov.18,1961	2	40		4	•	Ir	Topsoil 2; yellow sand 8; clay sand 12; brown sand 15; sand 21. Water from 15 to 21.
Con VIII Con VIII		13 13	F. Michelet W.C. Williams	T. VanKessel R. McKenzie	Aug.15,1960 Oct. 7,1961	1	5 4	10	10	:	D,S	Medium sand 10; fine sand 20. Water at 10. Yellow sand 3; brown sand 15; grey sand 20. Water at 6.
Con VIII		15	K. Sheppard	S. Linton	Nov.25,1963	6		-	5 46		D	Open pit 3; fine sand 14. Water at 9.
Con VIII Con IX		64	J. Csuka J. Petillion	G. Warren W. Burwell	Oct.28,1960 Nov.10,1960	5	5 2 6	60	10	į.	D,S	Yellow sand 30; clay 35; sand 66. Water from 61 to 66. Brown sand 8; sand 22. Water from 8 to 22.
Con IX		5	D. VanHerzele	J.H. Weaver & Son	May 11,1960	î	8		12	•	D	Topsoll 1; yellow sand 5; white sand 17; hardoan 12; brown quicksand 25. Water at 12.
Con IX		6 7	P. Erauw P. Ragany	R. Hodgson	Mar.22,1961 Dec. 4,1961	2	8 238		17 14		D Ir	Yellow sand 6; white san' 25; blue sand 30. Water at 17. Topsoil 2; yellow sand 15; brown sand 20; sand 28. Water from 20
Con IX		13	Smit Grocery& Bakery	R. McKenzie	Sep.26,1963	1	6		19	•	D, C	to 28. Brown sand 4; clay hardban 6; brown sand 13; brown clay 15; brown sticky sand 18; brown clay 23; grey medium sand 28. Water at 23.
Con IX	*	14	J. Ransom	J.H. Weaver & Son	Dec. 4,1961	1	9		6		D,S	Topsoil 1; yellow sand 6; brown send 7; blue sand 8; blue quicksand 18. Water at 6.
Con IX		15	C. Gates	R. McKenzie	Dec.29,1961	1 2	20		8		D D	Fill 5; brown sand 20. Water at 8.
S Con IX		16 17	S. Bilinsky B. Taylor	T. VanKessel S. Linton	Oct.20,1960 Jul. 2,1960	1	7		11 5		2	Sand 11; very fine sand 20. Water at 11.  Fine sand 18; coarse sand 22. Water at 5.
Con IX	**	17	H. Lichach	T. VanKessel	Oct. 2,1961	1	8		10		D	Medium sand 10; fine sand 25. Water at 10.
Con IX Con IX	**	17 24	R. Slade	S. Linton	Oct. 4,1961 Jul. 9,1960	1	50	10	10 81	Ä	D	Medium sand 10; fine sand 15. Water at 10. Basement 5; coarse sand 11; gravel 17. Water at 9.
Con IX		24	J. Pires		Mar.22,1961	1	30	22	2		D	Yellow sand 2; fine gravel 10. Water at 2.
Con IX Con IX	•	24 24	C. Slade F. Verhulst	R. McKenzie	Apr.28,1962 Jul.23,1963	1	7		13 17		D	Basement 5; coarse seand 13; fine arrivel 22. Water at 13. Yellow sand 5; gravel stones 6; brown sand 16; clay 17; fine gravel 25. Water at 22.
Con X	*	3	S. Potz	R. Hodgson	Aug.30,1962	5		170	55	Sulphur	D,S	Top sand 2; yellow send 12; clay send 26; send 30; soupy sand 120; clay 150; clay boulders 165; clay sand 170; limestone 175. Water set 173.
Con X		7	A. Burns	W. Burwell	Jul.10,1963	5	8	31	26	Fresh	D	Fine sand 37; medium sand 41. Water at 37.
Con X Con X		13 22	R.E. Clarysse L. Atkinson	T. VanKessel S. Linton	Oct. 9,1962 Jun.26,1962	1	5 8	5	5		D,S	Topsoil 2; medium sand 5; fine sand 15. Water at 5. Sand 12; sand fine gravel 22. Water at 14.
Con XI		1	H. Agerman	R. Hodgson	Mar.30,1963	5	š	68	52	**	D,S	Old well 25; clay sand 60; brown sand 67; clay .75; grey sand 87. Water from 75 to 87.
Con XI	*	3	School Area	•	Jan. 6,1960	2	4		20	•	P	Fill 2;gravel 15;clay sand 22;fine sand 30. Water from 22 to 30.
Con XI	•	3	*	•	Sep.12,1961	2	1		12	•	P	Topsoil 2;gravel sand 12;clay sand 22;fine sand 27. Water from 22 to 27.
Con XI		3		**	Sep.12,1961	5	5	155	38	Sulphur	P	Topsoil 2;gravel sand 12; clay sand 22; fine sand clay 32; soupy sand 80; clay 128; coarse sand 150; gravel sand 155; grey limestone 165. Water at 163.
Con XI	н	3	R. Linn	C. Strome	Sep. 1,1962	1	2		12	Fresh	ם	Black topsoil 1;gravel 6;fine sand 8;medium sand 18. Water at 18.
Con XI Con XI		3	L.J. Greenland		Oct.20,1962	2	2	30	25		D D	Topsoil 2; sand 35. Water from 28 to 35.
Con XI		4	W.E. Hilliard C. Hilliard		Aug.31,1961 Sep.26,1961	1	3 3 6		10		D	Old well 10; fine sand clay 20. Water from 10 to 20. Clay fine sand 15. Water at 10.
Con XI	*		G. Bilger	J.H. Weaver & Son	Jun. 7,1960	1			18	*		Old well 22; brown quicksand 34. Water at 18.
Con XI		0	J. Biddle	T. VanKessel	Aug. 26, 1961	1	5		5		D	Fine send 15. Water at 5.

	ORFOLK COUNTY												
	Charlottevill Con XI Con XI	10	t 6	M. Roloson A. Kyle	T. VanKessel R. Hodgson	Nov.22,1961 Oct.16,1962	1 5	8 21	31	5 26	Fresh	D D,C	
	Con XI	,	7	G. Gekiere	•	Jun.26,1961	5	2 1/2	52	15	*	ם	36. Topsoil 1; clay 7; sand clay 40; fine sand 57. Water from 40 to 57.
	Con XI Con XI		7 8	M. Bozek A. DeBock	G. Warren	Jun.29,1961 Apr. 5,1962	5	5	42 36	25 15	*	D,S D,S	Old well 22;sand clay 42;sand 56. Water from 43 to 56. Old well 4;yellow sand 20;rrey clay 23;putty sand 45;fine sand 55;dark sand 78. Water from 65 to 78.
	MLF Con A	,	10	R. Lauwerter	E. Stewart	Mar. 9,1961	7	20		Plows	Sulphur	D	Sand clay mixture 40; blue clay 200; brown limestone shale 225. Water at 225.
	MLFCon A	,	12	Surf & Sand Motel	T. VanKessel	Oct.17,1961	1	7		6	Fresh	P	Fine sand 6; gravel 10; fine sand 15. Water at 6.
	MLF Con A	,	12		*	Sep.15,1962	1	16		7	•	D	Topsoil 3; medium sand 2; coerse grovel 9; fine sand 22. Water at 7.
	MLFCon A	1	13	Turkey point Hotel	R. McKenzie	Oct.28,1961	1 2	25		24	•	P	Black gumbo 1; brown beach sand 7; clay. Water from 2 to 7.
	MLFCon A	,	13		C. Goodberry	Dec. 7,1961	6	20.	115	107	Sulphur	P	Sand 43; clay 292; limestone 310. Water at 306.
	MLFCon A	)	15		R. Hodgson	Jul. 5,1962	2	5		20	Fresh	P	Old drilled well 13;sand clay stones 35;sand 40. Water from 35 to 40.
29	Delhi Town Delhi "			J. Wies J.Marosevich	W.A. Belore W.Burwell &	Nov. 3,1960 Mar.11,1961	1 2	3	34	35 32	Fresh	D D	Red sand 10; gravelly clay 36; sand 52. Water at 36. Sand 45. Water at 40.
9	Delhi "			P. DeHont	I. Evaniski	Oct.13,1961 Oct.16,1961	4 4	6	39 41	38	**	ם	Topsoil 2;gravel 9;brown sand 40;sand 54. Water at 54. Gravel 7;sand 59. Water at 59.
	Delhi " Delhi "			M. DeVos	G. Warren	Dec. 9,1961	5	7	65	59 39	19	D	Yellow sand boulders 8; gravel 13; yellow sand 58; fine sand 70. Water from 58 to 70.
	Delhi "			K. Saul	R. Hodgins	Dec. 5,1962	5	6	39	35	н	D	Fill 3; clay sand boulders 20; clay sand 35; sand 53; Water from 44 to 53.
	T												
	Houghton Twy Con I Con I	10	t 1	M.Eschaute	J.H. Weaver &Son Cole Water Wells	Mar.21,1961 Jul.3, 1963	1 5	8 7	25	8 12	Fresh		Open bit 5; yellow sand 8; brown quicksand 21. Water at 8. Yellow sand 18; white sand 26; soft clay 27; sand 40. Water from 27 to 40.
	Con I Con I		4	T. Lovell	G. Warren	Mar.16,1960 Mar.18,1960	5	2	34 18	12 6	**	D,S	Yellow sand 18; sand 29. Water from 18 to 29. Loam 17; butty sand 22; sand 29. Water from 23 to 29.
	Con I	)	10		J.H. Weaver &Son	Feb.17,1962	í	5 8		15		D,Ir	Open well 5; yellow sand 8; white sand 15; brown sand 22; hardpan 23; grey sand 30. Water from 23 to 30.
	Con I Con I		13 14		W. Burwell J.H.Weaver & Son	Aug.14,1962 Apr.10,1961	5 1	5 8	35	30 5	11	Ir D,Ir	Pine sand 15; grey clay 45; sand 54. Water at 45. Topsoil 1; yellow sand 5; brown quicksand 20. Water from 5 to 20.
	Con I Con I	,	14		R. Hodgson	Aug.12,1961 Mar.23,1962	1 2	8 15		8 14	"	In D	Topsoil 1; yellow sand 6; w ite sand 20. Water at 8. Topsoil 1; sand 8; sand clay 13; sand 23; Water from 17 to 23.
	Con I		15		J.H. Weaver & Son	Oct.23,1961	ĩ	8		12		D,Ir	Topsoil 1; yellow sand 12; brown quicksand 18; blue clay 182; blue quicksand 25. Water at 12.
	Con II		1	W. Gunn	•	Oct.10,1960	1	8		12		D,S	Topsoil 1; yellow sand 5; white sand 11; sand hardpan 12; brown quicksand 17; blue quicksand 23. Water at 12.
	Con II		1	B. McIntyre	•	Mar.15,1961	1	8		1	"	D,Ir	Old well 21; fine gravel 33. Water at 20.
	Con II		6	J. Good	*	May 20,1960	1	4		6	•	Ir	Topsoil 1; yellow sand 6; grey quicksand 16; blue hardpan 17; blue hardpan 17; grey quicksand 25. Water at 6.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	M 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORPOLK COUNTY Houghton Twp. Con II Con II Con II		L C	. Matthews . Harvey . Underhill	G. Warren L. Hodgson & Son J.H.Weaver &Son	Jul. 6,1960 May 1.1962 Sep. 4,1961	5 1 1	10 20 8	22	10 6 8	Fresh	D D,S D	Yellow sand 12; clay 26; sand 35. Water from 26 to 35. Fine sand 6; coarse sand 22. Water at 18. Topsoil 1; yellow sand 4; white sand 8; blue quicksand 15. Water at 8.
Con III Con III Con III Con III	* 6 * 8 * 12	J C	. Lisabeth . Breit . Harvey . Ferguson	L.Hodgson & Son C. Strome L.Hodgson & Son	May 18,1961 Jul.24,1962 May 2,1962 Mar. 5,1962	2 5 1	7 10 20	35	8 20 6	i	Ir D D	Silty sand 8; medium sand 30. Water from 8 to 30. Old well 20; putty sand 30; fine sand 40. Water at 40. Fine sand 6; coerse sand 22. Water at 18. Fine sand 6; silty clay 15. Dry hole.
Con III	" 1 <sup>1</sup>		. Rodgers	J.H. Weaver & Son	Jul.25,1961 Aug. 1,1961	1	5		5		D D	Topsoil 1; yellow sand 4; putty sand 21; blue quicksand 24. Water at 4. Topsoil 1; yellow sand 5; blue putty sand 15; hardoan 16; grey
Con IV Con IV	* 2 * 2 * 8		. Masschaele icks & Lawrence	:	Nov. 1,1961 Jul.21,1963 Jul.25,1962	1 2 1	8 75 5		13 7 5		D Ir Ir	quicksand 25. Water at 5. Yellow sand 25. Water at 13. Previously bored 20;grey quicksand 32. Water at 7. Topsoil 1;black swamp sand 5;grey quicksand 10;white sand 20. Water at 5.
Con IV Con V Con VI Con VII LEN	* 8 * 10 * 3 * 8 * 4	R H H	De Weche Hazen Miggens Pow Benneboog Buday	L. Hodgson & Son G. Warren L. Hodgson & Son J.H.Weaver & Son	Apr. 4,1963 Apr.11,1960 Mar.15,1963 Jul.25,1963 Jun. 2,1960 Apr.13,1962	5 1 2	8 10 7 2 8 8	27	5 12 20 13 5			Grey sand 5; coarse sand 20. Water at 16. Yellow sand 18; hard sand 26; sand 44. Water from 26 to 44. Fine brown sand 27; Water at 20. Fine sand 21. Water at 13. Topsoil 1; brown clay 5; brown sand 13. Water at 5. Topsoil 1; yellow sand 5; white send 18; brown sand 23; blue sand
LRN	: 3	A	.E. Francis . Fasseel	C. Strome	Jul. 6,1961 Oct. 9,1962	1 4	2	.29	12 28		S	25. Water at 18.  Red sand 5; white sand 18; mixed dark sand 23. Water at 23. Old well 26; fine sand 30; putty sand 35; coarser sand 49. Water
LRN	• 9	н	. Atkins	J.H. Weaver & Son	Apr. 1,1961	1	6		27	•	D,Ir	at 49. Topsoil 1; yellow sand 7; white sand 27; brown quicksand 31. Water at 27.
LRN	• 9		•	•	May 1, 1962	1	6		26		D, Ir	Topsoil 1; yellow sand 6; white sand 26; grey quicksand 31. Water at 26.
LRN	* 9		•		Apr. 9,1963	2	4		26		D	Old well 6; yellow sand 26; grey sand 32; brown clay 35; dark sand 50. Water at 35.
LRN	" 10		. Jackson	C. Strome	Jan.12,1963	4	4	35	27		ם	Dark soil 70; red send 20; white send 30; dark send 35; dark fine send 58. Water at 35.
LRS LRS LRS LRS NRE NRE NRE	* 6 * 8 * 9 * 1 * 1 * 2	G L P S 7 A C	. Szentesi . Vincent . Alton . Varadi . Stekli . DeMeester . McCord	G. Warren J.H. Weaver & Sor L. Hodgson & Son J.H.Weaver & Son P.V.K. & Sons C. Norman J.H.Weaver & Son	Apr.24,1961 May 22,1962 Mar.20,1963 Aug.26,1963 Apr.11,1961 Apr.14,1963 Nov. 9,1960 Aug.13,1962	1 1 2	5 8 7 5 8 2 4 5	12	30 39 24 45 20 12 12		D,Ir D,Ir D,C D,Ir Ir	Yellow sand 20; putty sand 52; send 64. Mater from 52 to 64. Old well 15; white sand 39; grey quicksand 49. Water at 39. Old well 15; brown sand 23; charse sand 35. Water at 23. Old well 30; white sand 39; white quicksand 50. Water at 39. Open bit 5; white sand 20; brown quicksand 35. Water at 20. Topsoil 1; silt 14; sand 36. Water at 12. Topsoil 2; yellow sand 12; fine sand 25; coarse sand 32½. Water at 12. Topsoil 1; yellow sand 5; brown sand 12; grey quicksand 20.
Middleton Twp. TRN Con I TRN Con I TRN Con I	lot 3	L R	.B. Dean . Stilwell . Sage	L. Hodgson & Son G. Warren Chatterson & Belore G. Warren		5 2	6 <del>1</del> 7 5 8	20 28 30	7 15 28 15	Fresh	D D,S D	Water at 12.  Sandy loam 7; medium sand 27. Water at 25. Sand 24; fine sand 33. Water from 24 to 33. Old well 15; grey clay 32; gravel 36; grey clay 61; sand 75. Water at 15 and 61. Black muck 2; yellow clay sand 18; clay stones 50; sand 64. Water from 50 to 64.

		K COUNT												
		eton Tw Con I		cont ot 5	J.B. Dean	L. Hodgson & Son	Mar.21,1963	1	9		18	Fresh	Ir	Pit 4;brown fine sand 15;hardpan 18;coarse sand 31. Water at 18.
	TRN	Con I	-9	6	G. Francia	•	May 15,1961	2	10		3	•	Ir	Sandy clay 3; putty sand 18; clay 21; coarse sand 37. Water from 21 to 37.
		Con I Con I		6	P. Homick J.B. Dean	G. Warren L. Hodgson & Son	Oct.23,1962 Oct.15,1962	5 1	5 10	25	19 8		D, C	
	TRN	Con I		9			Oct.15,1962	1	10		8		D.Ir	Sandy losm 8; medium sand 29. Water at 25.
	TRN	Con I	3	10	I. Brown	J.H. Weaver & Son	Apr. 6,1962	1	8		14		D,Ir	Topsoil 1; yellow sand 6; white sand 14; brown quicksand 20; grey quicksand 26. Water at 14.
	TRN	Con J	,	14	E. May	G. Warren	Aug.30,1962	5	11	82	35		D,S	Water from 76 to 82.
		Con I		19			Apr.13,1962	5	5	25 28	2		ם	Clay stones 45; sand clay 70; sand 75. Water from 70 to 75.
	TRN	Con I	,	50	W. Gadman	Cole Water Wells	Apr.12,1963	5	10	28	10	•	D	Yellow sand 12;soft grey clay 45;grey clay stones 56;fine sand 70; coarse sand 87. Water from 70 to 87.
	TRN	Con I		20	H.M. Lambert	Hadco WellDigging	May 27,1963	30	2	28	14		۵	Topsoil 1; brown sandy clay 13; grey clay 15; grey blue sand 30. Water at 15.
	TRN	Con I	2	20	R. Hewitt & B. Pettman	W.E.Locker	Jun. 1,1963	5	11	13	8		P	Topsoil 1; coarse sand 15; blue clay 70; fine sand 78; blue clay. Water from 4 to 15 and from 70 to 78.
	TRN	Con I	)	20		W.A. Belore	Aug.29,1962	1	5	17	15		D	Red sand 7; grey clay 21; butty sand 24; coarse sand 39. Water
	TRN	Con I	3	22			Mar.25,1960	1	6		12		D	at 24. Fill 3; black sand 6; clay 18; sand 30. Water at 18.
		Con I		22			Sep.21,1960	1	3		14	:	D	Hed sand 4;dark sand 8; stony clay 17; sand 33. Water at 17.
		Con I Con I		22			Dec.15,1960 Aug. 3,1961	1 1	3		16	*	D	Red sand 5;dark sand 8;stony clay 17;sand 32. Water at 17. Dark sand 3;red sand 6;brown clay 24;sand 30. Water from 24
v.a					Rlwv Property			1			1 '			to 30.
01	TRN	Con I	,	22	H. Wies		Aug.14,1961	1	4		11	*	D	Red sand 2;dark sand 8;gravel 11;brown clay 20;butty sand 24; fine sand 35. Water from 24 to 35.
	TRN	Con I	)	22	S. Herale	V. Chatterson	Aug.22,1961	1	4		11		ם	Topsoil 1; red sand 4; blue clay 21; putty sand 25; send 35. Water at 4 and 25.
	TRN	Con I	)	22	H. Wies	•	Sep. 5,1961	1	4		14	•	D	Topsoil 1; red sand soil 4; blue clay 22; butty sand 28; sand 38. Water at 4 and 28.
	TRN	Con I	9	22	•	W.A. Belore	Oct.18,1961	1	5		10		D	Dark sand 2; red sand 8; brown clay 20; putty sand 30; fine sand 40. Water from 30 to 40.
	TRN	Con I		22	C. McGreger	V. Chatterson	Nov. 1,1961	1	4		8		ם	Torsoil 1; red sand 3; blue hard clay 19; fine sand 27; coarse sand 37. Water at 19 and 37.
	TRN	Con I	)	22	R. Lockstein	•	Oct.31,1961	1	4		10		D	Dark soil 5;11ght sand 8; hard blue clay 32; putty sand 38; sand 46; Water at 8 and 38.
	TRN	Con I	2	22	L. Stewart	J.H. Weaver & Son	Jun.15,1962	1	8		19		ם	Topsoil 1; brown stony clay 6; blue ston clay 19; blue
	TRN	Con I	,	22	H. Wies	Chatterson &	Jul.27,1962	1	5	12	12	*	ם	quicksand 31. Water at 19. Fill 3;topsoil 4;sand 8;grey clay 24;sand 40. Water at 24.
	TRN	Con I		22	•	Bèlore W.A. Belore	Aug.29,1962	1	5	12	12		ם	Sand fill 2; topsoil 3; red sand 7; clay 21; putty sand 24; mend
	TRN	Con I	1	22	R. Grant		Sep. 4,1962	1	6		11		D	39. Water at 24. Dark sand 3;grey clay 15;silty sand 21;coarse sand 35. Water
	TRN	Con I	,	22		L.Hodgson & Son	Now. 3,1962	2	10		18		P	at 16. Grey clay 18; coarse sand 43. Water at 18.
	TRN	Con I	,	22	School United Church	G. Warren	Dec. 4,1962	5	1	67	7	•	P	Yellow sand 12;hard grey clay stones 56; fine dirty sand 67.
		Con I		22		J.H. Weaver &Son	May 2, 1963	1	8		20		P	Water from 56 to 67. Topsoil 1; brown clay 20; sand 28. Water at 20.
	TRN	Con I	,	22	People's Meat	C. Strome	Sep.30,1963	2	5		19		D	Red sand 5; stones clay 19; clay 26; fine sand 34. Water at 34.
		Con I	1	23	G. Pettinger	V. Chatterson	Sep.20,1960	1	30	7	7		D	Sand losm 12; hardnen 20; sand 30. Water at 20.
	THN	Con I	,	23	T. Morgan	W. Belore	Aug. 4,1962	2	5		20		С	Black sand 2; red sand 8; grey clay 26; putty sand 36; fine sand 50. Water at 45.
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<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

		FOC	ATION			OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	WATED	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
			ITY -												
		on I	wp.		nt. 26	G. Robinson	J.H. Weaver & Son	Nov.30,1962	1	8		7	Fresh	3	Topsoil 1; yellow sand 7; brown quicksand 20; grey quicksand 25.
TRI	N Co	n I			34	D. Waldick	•	Jun.11,1962	2	8		30	•	ם	Water at 7. Fill 2;topsoil 3;yellow sand 9;brown stony clay 21;gand 30; blue quicksand 34;blue putty sand 36;blue quicksand 54.
TRI	i Co	n I		•	34	F. Kekrtelle	w	Apr. 4,1963	1	8		4		D,Ir	Water at 6 and 34. Topsoil 1; brown sand 4; brown quicksand 10; grey quicksand 20.
TRI	N Co	n I			34	C. McKoy	R. Hodgson	Oct.17,1963	4	2	46	36		D	Water at 4. Old well 15; clay sand 32; sand 40; fine sand 52. Water from 45
TR	1 Co	n I		•	36	T. Schafer	J.H.Weaver & Son	Jun,23,1962	1	8		6		D	to 52. Fill 2;topsoil 3;yellow sand 6;muck 10;grey quicksand 22.
TRI	T Co	n I			40	Experimental	G. Warren	Feb.27,1961	5	20	21	16		D,In	Water at 6. Yellow sand 22;hardpan 23;sand 40. Water from 23 to 40.
		n I			40 40	Farm Delhi D. Popaiov E. Verbuyst	R. Hodgson W. Burwell	Jul. 4,1961 Aug.11,1962	2 5	98 8	.55	14 50	Sulphur		Topsoil 1; yellow sand 12; coarge sand 15; sand 27. Water at 14. Sand 10; clay 50; putty sand 125; blue clay 176; rock 196. Water
		n I			41 42	G. Bakos M. Verbuyst	Burwell&Evanitski W. Burwell	Jun. 6,1961 Oct. 6,1962	4 5	5 3 8	45 50	35 50	Fresh	D,S Ir	at 196. Sand 10; clay 50; sand 60. Water at 50. Sand 58. Water at 53.
TRI	1 Co	n I			43		J.H. Wesver & Son G. Warren	Jun.28,1961 Mar.25,1962	5 2 5	8 5	34	53 30		Ir D,S	Old well 51; brown quicksend 70. Water at 53.   Yellow sand 25; clay stones 30; yellow sand 39. Water from 30
		n I		*	45 48	B. Person J.Mayeresak	WarrenWater Wells G. Warren	Apr.23,1963 May 2,1962	5	10 5	35 72	31 36	* Sulphur	D D,S	to 39.  Sand 55. Water from 48 to 55. Yellow sand 52; white sand 58; soft clay 62; putty sand 90; grey
TR	N Co	n I			48	G.G. Kent	G.A.Dennis & Sons	Aug.15,1962	5	15	42	35	*	D	clay 120; clay stones 132; shelly rock 136. Water at 136. Sand 35; putty sand 75; fine send 95; clay gravel sand 116; clay
TRI	N Co	n II			1	L.Erie Tobacco	L. Hodgson	Apr. 2,1963	1	2		16	Fresh	Ir	coarse gravel 120; brown limestone 153. Water at 150. Old well 16; fine sand 20; grey clay 24; coarse sand 36. Water
TRI	N Co	n II			5	Parm C. VanDerhoven	J.H.Weaver & Son	Nov.19,1962	ĭ	6		17		D,Ir	at 24. Topsoil 1; yellow sand 17; brown butty sand 18; blue clay 19;
TRI	V Co	n II			6	L. Robinson	G. Warren	Dec.15,1961	5	5	115	100		D	blue butty sand 32. Water at 17. Clay stones boulders 25; bit gravel 32; clay sand 85; sand 110;
		n II		*		J.B. Dean	L. Hodgson	Apr. 3,1963	1	8		8	*	Ir	
		n II				G. Farkas R. Ronson	J.H. Weaver &Son G. Warren	Sep. 1,1962 Sep. 20,1962	5	5	60	55 50			Old well 50; brown sand 55; grey quicksend 70. Water at 55. Yellow sand 26; grey cley 48; yellow sand 65; send 80. Water
TRI	i Co	n II			15	H. Viet	J.H. Weaver & Son	May 25,1962	1	8		14		D,Ir	from 65 to 80. Old well 15;bricks boards 20;blue clay 31;brown suicksand 40
TRI	1 Co	n II		*	17	E. Sandham	W. Belore	Jul.17,1963	2	4		9	•	D	Water at 14 and 31. Red sand 3; derk sand 6; grey clay gravel 42; derk sand 45;
TRI	1 Co	n II			18	K. Welker	G. Warren	Jul.17,1963	5	31	90	40		D	medium sand 63. Water at 45. Yellow sand 4; clay stones 40; putty sand 50; clay stones 95;
TRI	1 Co	n II			18	M. Phillion	W.E. Locker	Nov.20,1961	4	5	17	4		In	fine send 105. Weter from 95 to 105. Yellow send 6; blue clay 20; fine gravel coarse sand 32.
		n II n II		W	48 48	T. Botzang	S. Linton R. Hodgson	Mar.15,1961 May 23,1962	1 2	15 2	25	24 5		D,S Ir	Water from 20 to 32. Coarse sand 26; fine sand 30. Water at 24. Topsoil 2; sand 4; clay sand 8; sand 12; sand gravel 17. Water
		n II		**	1	J. Arnoczki	W. Burwell	Nov. 4,1961	5						from 12 to 17. Old well 20; blue clay 70; silty sand 138. Dry hole.
TRI	I Co	n II n II n II	+	*	2 4 5	W. Ball T. Vlainic O. Oatman	G. Warren	Oct.26,1961 Jan.17,1962 Sep.23,1960	5 5	7 5 5 8	119 120	25 104.		D,S D,S	Sand 6; Clay 80; sand 131; Water at 120. Clay 78; sand 104; fine sand 124. Water from 100 to 124. Clay stones bounders 20; clay stones 87; grey sand 110; sand 13
		n II			5	P. Dean	J.H.Weaver & Son	Sep.16,1961	1	8	120	4			Topsoil 1; yellow loam 4; putty sand 8; gravel 12. Water at 4.

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N	RFOL	ко	OUNTY	-con	t.										
			n Twp.			H. McDonald	G. Warren	Dec.29,1961	5	10	100	55	Fresh	D,S	Clay stones 35; sand 40; clay send 52; sand 120. Water from 100
	TRN	Con	III		6	C. Matheusik		Jan. 6;1962	5	8	108	100		Ir	to 120. Clay 25;dirty gravel 36;grev clay 65;sand 119, Water from 101 to 119.
	TRN TRN TRN	Con			12	R. Nunn A. Seres W. Livingston	W. Burwell L.Hodgson & Sons J.H.Weaver & Son	Mar.14,1963 Jul.27,1963 Jul.15,1961	5 2 1	10 50 8	14	10 8 31		Ir T D	Fine sand 20; coarse sand 27. Water at 20. Fine sand 8; coarse sand 18; fine sand 41. Water at 8 and 18. Topsoil 1; vallow sand 5; wite sand 31; white quicksand 45. Water at 31.
	TRN TRN					J. Seres A. Radocz	Cole Water Wells G. Warren	Mar.30,1963 Jul.11,1960	5	7 50	22 26	18 7	H H	Ir Ir	Yellow sand 22; white sand 35; sand 46. Water from 35 to 46. Topsoil 3; vellow sand 32; sand clay streaks 47; sand 65. Water from 47 to 65.
	TRN	Con	III		15	Livingston Motors	,	Jan.24,1961	5	8	35	20	н	С	Old well 8; yellow sand 35; sand 42. Water from 35 to 42.
	TRN	Con	III		15	LivingstonWood Mfg. Co.		Oct.10,1961	8	45	24	17	11	P	Yellow sand 8; putty sand clay streaks 44; sand 67. Water from 44 to 57.
	TRN	Con	III	н	15	Tillsonburg	International Water Supply Ltd.	Oct.12,1961	2					Т	Topsoil 3; sand 5; soft blue clay 10; sand 50; finer sand 70; sand 79; blue clay 91.
			III	**	15 16	J. Knabb A. Oszlanszki	J.H. Weaver & Son G. Warren	Jul. 3,1963 May 17,1961	1 5	8 15	17	23 8	er 19	PIr	Old well 5; white sand 23; brown sand 35. Water at 23. Yellow clay 18; grey clay 20; white sand 35; red sand 54; coarse sand 65. Water from 54 to 65.
v.v	TRN TRN TRN TRN	Con	IA		2	J. Mikenes J. Krakkai J. VanDemaele I. Spiers	J.H. Weaver & Son Warren Water Wells W. Burwell Cole Water Wells	Oct.29,1963	1 5 1 5	8 5 5	56 10 50	17 40 8 45	10 10 10	Ir D	Old well 17;grey quicksand 37. Water at 17. Yellow sand 50;fine brown sand 56. Water from 50 to 56. Sand 13. Water at 8. Yellow sand 20;white sand 28;soft grey clay 60;sand 70. Water
03	TRN	Con	IV	н	10	C. Garnett	J.H.Wesver & Son	Nov. 5,1960	1	8		18		D	from 60 to 70. Toosoil 1; yellow sand 4; white sand 14; brown hardban 18; brown
	TRN	Con	IA	*	11	F. Bacon	**	Dec.28,1963	1	8		22	**	D,Ir	sand 27. Water at 18. Toosoil 1; yellow sand 5; white sand 22; brown quicksand 34.
	TRN	Con	IV	*	12		*	Dec.30,1963	1	Ω		23	**	D,S	Water at 22. Old well 4; yellow sand 5; white sand 23; brown quicksand 35. Water at 23.
	TRN TRN					P. Lierman D. Fleming	J.H.Weever & Son	Nov. 3,1962 Nov.22,1962	1	5 8		24 28	"	D In	Mater at 4). Topsoil 1;yellow sand 7;white sand 24;sand 35. Water at 24. Topsoil 1;yellow sand 8;white sand 29;grev sand 40. Water at
	TRN	Con	IA	**	13	W. Stacey	*	May 4,1963	1	8		19		C	Fill 2; topsoil 3; yellow sand 6; white sand 19; brown sand 13. Water at 19.
	TAN	Con	IA	**	13	G. VerBuyrt		Jul. 1,1963	1	8		25	100	D	Toosoil 1; yellow sand 5; w ite and 25; brown sand 32; blue sand 37. Water at 25.
	TRN	Con	Λ	п	1	E. Prose & F. Kelly	G, Warren	May 22,1962	5	5	65	41	19	D	Yellow clay 17; grev clay stones 30; red sand 65; sand 27. Water from 65 to 77.
	TRN	Con	A	Ħ	1	A. Metselaar	W.E. Locker	Sep.10,1963	5	5	35	32		D	Yellow clay 8; blue clay 34; erev sand 41; blue clay 43; sand 87; blue clay 91; coarse sand fine gravel 99. Water from 91 to 98.
	TRN			n	3	L.W.Sanders R. Bently	J.H. Weaver & Son G. Warren	Dec.17,1962 Jun.21,1961	1 5	5 2	87	50 62	11	D,C	Old well 50; grey outcksand 66. Water at 50. Yellow sand fill 5; grev clay 10; yellow sand 86; fine sand 91. Water from 86 to 91.
T T T T T	TRN TRS TRS	Con	I		5 1 5	P. VanHooren G. Jenkins P.J. Verkuil	J.H. Weaver & Son L. Hodgson & Son G. Warren	Sep.13,1962 Mar. 1,1962 Oct. 2,1962	1 1 5	4 20 5	25	9 5 15	N H	D,S	Topsoil 1; yellow sand 8; hardban 9; sand 14. Water at 9. Fine sand 15; coarse sand 25. Water at 15. Yellow sand 4; yellow clay stones 20; putty sand 28; grey clay stones 63; sand 72. Water from 63 to 72.
	TRS TRS TRS TRS	Con Con Con	I I		16	W. Evenitski D. Varro J. Miklos M. Hornyak R. Vereecke	Burwell&Evanitski W.A. Belore Burwell&Evanitski J.H.Weaver & Son	May 10,1961 Jun. 9,1961 Aug. 5,1961	1 1 1 4	6 4 6 6 8	17	8 10 7 12 8		D D D D,S	Brown sand 19;grey sand 29. Water at 19. Sand 25. Water at 20. Dark sand 1;red sand 6;grey sand 26. Water from 11 to 26. Sand 32; Water at 32. Topsoil 1;yellow sand 8;grey quicksand 20. Water at 8.
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1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

L	OCATIO	)N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Monrolk of Middleton TRS Con	Twp.	-co 18t	nt. 22 22	G.Bētleham	V. Chatterson J.H. Weaver &Son	Apr.22,1961 Aug.17,1962	1 1	<b>4</b> 8		9 27	Fresh	D D	Topsoil 1; clay losm 4; blue clay 23; putty sand 31; sand 44. Water at 31. Topsoil 1; yellow sand 7; blue clay 27; blue quicksand 40. Water at 27.
TRS Con			22	Courtland Welding Service O. Simmons	Warren WaterWells W.A. Belore	May 30,1963 Apr. 5,1961	5 1	10 4	25	8	*	D,In	Yellow sand 8; grey clay 38; fine sand 42. Water from 38 to 42. Dark sand 3; red sand 7; grey sand 10; fine gravel 27. Water at
TRS Con	I		23	J. Ashton	V. Chatterson	Apr.23,1961	3	4	14	14		C	Top fill sendy 4; losm 10; hard blue clay 29; send 44. Water
TRS Con	I	*	23	G. Burnett	-	Sep. 3,1962	1	5	24	24	*	ם	from 29 to 44. Topsoil 1; wite sand 14; clay 42; silt sand 47; sand 63. Water at 47.
TRS Con TRS Con TRS Con	I		23 24 24	V. Simmons D. Farakas C. Wilkinson	W.A. Belore V. Chatterson	Oct.24,1963 Oct.27,1960 Jun.19,1961	2 1 1	5 4 4	12	12 12 11		In D D	Dark sand 3;gravel clay 21;sand 41. Water at 21. Dark sandy loam 3;clay 22;sand 44. Water at 22. Topsoil 1;sandy soil 4;blue clay 17;butty sand 22;red sand 27 grey sand 33. Water at 22.
TRS Con	I		24	E. Lockstein		Sep.22,1961	1	4	8	8	*	D	Tonsoil 1; red sand 5; grey marrow 26; sand 32; fine gravel 37. Water at 26.
TRS Con	I		24	Courtland Super Market	W/A. Belore	Nov. 9,1963	1	5	19	19	*	C	Stony fill 5;topsoil 6;red sand 8;clay 33;sand 48. Water at 36.
TRS Con TRS Con TRS Con	I		25 25 25	J. Shemo L. Gartner	W. Burwell W.A. Belore	Oct.26,1960 Mar.20,1962 May 9, 1962	1 4 1	4 10 5	24	12 20 15	:	D D,S D	Derk sand 4;grey sand 16;sand 28. Water at 16. Fine sand 30;sand 50. Water at 30. Yellow sand 4;grey sand 9;blue clay 23;coarse sand 40.
F TRS Con TRS Con	I		26 26	M. Giba M. Loebel	Burwell&Evanitski R. Hodgson	Oct.10,1961 Nov.29,1962	4 2	10 6	22	16 25	:	D D	Water at 28. Clay 22;send 34. Water at 34. Topsoil 2;fill 8;brown clay 32;medium send 38. Water from 32 to 38.
TRS Con			28 31	F. Latos S. Ruppert	G. Warren Burwell&Evanitski	Aug. 3,1960 Jul.14,1961	5 5	15	65	60	Sulphur	N D,S	Clay stones 44; sand silt 85; clay stones 194; limestone 204. Sand 15; gravel 23; putty sand 110; clay 140; putty sand 18C: brown rock 198}. Water at 197.
TRS Con TRS Con TRS Con	I		32 38 39		J.H.Weaver &Son G. Warren V: Chatterson	Jul.13,1963 Apr.16,1962 May 24,1961	1 5 1	13 10 5	22	10 14 14	Fresh	D,Ir D,S D	Yel'ow sand 28; grey sand 33. Water from 20 to 33. Topsoil 2; coarse sand 14; fine gravel 18; coarse sand 27; fine
TRS Con	I		42	A.E. Piette	R. Hodgson	Jun.24,1961	5	21/2	55	48		D	sand 38. Water at 18. Topsoil 1; yellow sand 16; clay sand 53; sand 60. Water from 53
TRS Con	I		43	C. Csercstcs		Jul. 7,1961	5	21/2	66	61	•	D	to 60. Fill 2; clay 5; yellow sand 16; sand clay 63; fine sand 72. Water
TRS Con	I		45	F. Thomas	G. Warren	Oct.24,1960	5	10	28	Flows	Sulphur	D	from 63 to 72. Fine gravel 15; putty sand 65; grey clay 83; clay stones 100; l
TRS Con	I	•	45	G. Wilbur	W. Belore	Jun.21,1962	2	11		35	Fresh	D	limestone 116. Water at 116. Red sand 2; white sand 26; medium gravel 31; grey clay 35; fine
TRS Con	II	•	8	H. Regole	L.Hodgson & Sons	Nov. 1,1960	2	9		5		Ir	sand 56; butty sand 60. Water at 51. Sandy loam 5; fine sand 18; clay 21; coarse sand 3?. Water from
TRS Con	II II II II II		8 16 19 35 35 38 44		C. Norman W. Burwell C. Norman T. Vankessel C. Strome T. Vankessel W.A. Belore S. Linton	Jul. 3,1962 Oct. 3,1960 Oct. 10,1961 Apr. 19,1961 Aug. 16,1963 Oct. 25,1963 Apr. 6,1961 Mar. 19,1963	2 2 3 1 1 1 1 1 1 1	4 5 5 5 2 4 5 6	15	8 14 9 8 15 15 6 28	# # # #	D Ir D N D,S Ir N	5 to 18 and from 21 to 37. Topsoll 8; fine sand 16. Water at 8. Sand 5; clay 40; sand 62. Water at 40. Topsoil 3; red sand 9; herdpan 9; medium sand 20. Water at 9. Fine sand 16. Water at 8. Red sand 5; white sand 25; sand 29. Water at 25. Topsoil 3; coarse sand 15; fine sand 26. Water at 15. Red sand 4; grey sand 8; sand 21. Water at 8. Old well 10; medium sand 36%. Water at 33.

		K COUNTY												
9	TRS	èton Twp. Con II Con II	lot	45	H. Ryder A. Kohajda	R. Hodgson W.A. Belrose	Jul.14,1960 May 16,1960	?	4 ?	21	5 10	Fresh	Ir N	Sand 3; clay 20; gravel 25; coerse sand 30. Water at 20. Red sand 4; brown sand 8; gravel 16; fine gravel 27. Water from 8 to 16.
	TRS	Con II	10	46	G. Kirchner	*	Jul.19,1960	1.	7		8		D	Red sand 3;grey sand 12;gravelly clay 21;fine gravel sand 31. Water ^rom 8 to 31.
	TRS	Con II	н	46	A. Kohajda	*	Sep. 2,1960	1	6		9		ם	Red sand 3; grey sand 11; gravelly clay 20; fine gravel sand 32.
	TRS	Con II	**	46	E. Langes	V. Chatterson	Nov. 4,1960	1	4		13		D	Water at 9. Old dug well 15; clay 26; gravel 30; clay 32; coarse sand 50. Water at 32.
	TRS	Con II	*	46	J. McDonald	W.A. Belore	Mar.24,1961	1	4		14		D	Red sand 3;dork sand 9;gravel clay 19;fine gravel 33. Water
		Con II Con II	M	46 46	J. Wies G. Deelen	;	May 18,1961 Jul. 3,1961	1	7 5		9 10	" "	D D	at 19. Dark sand 6; clay gravel 26; fine gravel sand 40. Water at 26. Brown loam 4; dark sand 8; gravel 14; brown clay 20; fine sand 30. Water from 20 to 30.
	TRS	Con II		46	Twp.Wies Sub-division	G. Warren	Sep. 5,1961	5	11/2	29	10	*	D	Clay stones 26; fine sand 29. Water from 26 to 29.
		⊙n II Con II		46 46	B. Bucholz	W.A. Belore	Sep.27,1961 Oct.12,1961	5 1	3½	60	10 10		D D	Grey sand 17; butty sand 59; sand 62. Water from 59 to 62. Brown sand 8; stones 10; brown clay 12; gritty fine sand 28. Water from 12 to 28.
	TRS	Con II	м	46	D. White	G. Warren	Jun. 6,1962	.5	25	100	70	Sulphur	N	Yellow sand 24; fine gravel 28; clay stones 35; grey sand 40; putty sand 138; grew clay 180; clay stones 185; rock grey limestone 200. Water from 185 to 189 and from 194 to 200.
	TRS	Con II	**	46	P. Bruce	C. Strome	Aug.22,1962	1	2		9	Fresh	D	Red send 5; hlack send 8; fine and 15; coarse black send 24. Water at 24.
303		Con III Con III		18 20		W. Burwell C. Strome	Jul.20,1960 Aug.16,1962	1 5	4 20	10;	15 9	**	D D	Sand 10; clay 15; sand 38. Water from 15 to 38.  Dark toosoil 5; red sand 10; mixed clay losm 15; fine sand 28; black white sand 37%. Water at 37.
-	TRS	Con III	*	23		J.H.Weaver & Son	Jul.25,1960	1	8		15	**	D,Ir	Topsoil 1;yollow send 7;vellow clav send 15;brown duicksand 22;brown clav 23;blue duicksand 29;blue clav 30;blue send 36. Water at 15, 23 and 30.
	TRS TRS	Con III Con III Con III Con III	**	30	E. Martin W. Herale P. Schaefer	W. Burwell R. Hodgson	Jan.14,1961 Nov. 5,1960 Mar.27,1961 Jul. 1,1962	1 1 5 2	8 5 5 20	20	9 26 10 14	# # #	Ir D,S Ir	Old well 5; yellow sand 9; brown quicksand 20. Water at 9. Sand 26; sand 39. Water at 26. Topsoil 2; yellow sand 20; grey sand 35. Water from 25 to 35. Topsoil 1; sand 22; fine sand 30. Water from 22 to 30.
		Con III Con III	10	31 38	W. Cairns M. D'Haene	Burwell&Evanitski G. Warren	Mar.29,1961 Oct.17,1961	5	10	40	30	n	D,S	
	TRS	Con III	10	46	J. Earle	W.A. Belore	Oct. 5,1962	1	3		11	*	D	coerse sand 6C. Dark sand 2;red sond 9;grey sond 12;sand 25. Water at 13.
3		Walsing VII	ar T lot		J. Galonde	C. Strome	Jul. <b>24,</b> 1963	2	25		10	Fresh	Ir	Black soil 5; red sand 15; white sand 20; black white sand 30. Water at 30.
	Con		**	2 21	F. Evans K. Tiki	L. Hodgson G. Warren	Mar.19,1963 Mar.15,1962	1 8	8 30	100	8 70	*		Brown sand 28. Water at 24. Sand 20; fine sand 51; grey clay 52; grey putty sand clay 214;
	Con			21	A. Scherer	R. Hodgson	Apr. 2,1963	5	5	27	21			butty sand 265; limestone 277. Water et 277. Toosoil 1; yellow sand 9; hardban 29; brown sand 36. Water from
	Con	VII		21	*	n	Jun. 4,1963	8	30	250	40	Sulphur		29 to 36. Topsoil 2; yellow sand 15; brown sand 52; fine sand 60; soupy
	Con	AIII AIII		12 20 20	E. Verbuyst	L. Hodgson Burwell&Evanitski C. Strome	Mar. 1,1963	1 1 2	8 6 5	12	8 15 15	Fresh		send 175;clev sand 240;cley 246;limestone 400;flint 560; limestone 565. Water at 380 and 560. Brown sand 24. Water at 29. Sand 30. Water at 25. Red sand 4;cley sand 5;red sand 20;coarse sand 31. Water at
									L.,		L	L		31.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

_	LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
No	FOLK COUNTY rth Walsing										181		
0	nt. on VIII on IX on IX on IX	lo	21 8 12 12	G. Riviere G. McDowell	Burwell&Evanitski W.A. Belore L.Hodgson	Mar.25,1961 Aug.30,1960 Apr. 3,1962 Apr. 6,1963	4 2 1 1	7 1/2 2 8		8 5 6	Fresh	D,S D,S Ir	Old well 29; sand 41. Drv hole. Old well 16; sand 30. Water from 10 to 30. Old well R: fine sand 15. Water at 13. Brown sand 20. Water at 4 and 16.
	on IX		22		R. Hodgson H. Johnson	Nov.26,1962 Aug. 2,1963	5 36	7	80 36	75 34	Sulphur Fresh	D,S	Topsoil ?;vellow sand 20;sand clay 50;soupy sand 160;clay 187;brown limestone 203. Water at 202. Sand 8;hardpan 25;sand 34;coarse sand 41;silt 43;blue clay
c	on IX		23	J. Mayer	Burwell&Evanitski		4	4	15 45	23		D,S	43%; coarse send 52. Water at 34. Clay 5; sand 29; sand 34; sand clay 43; clay 50. Water at 29. Sand 31; clay 31%; sand 50. Water at 31 and 50.
C	on IX		24	N. Horvath	R. Hodgson	Apr.11,1962	2	2		20		D,S	Yellow sand 3; sand 10; clay sand 20; sand 27. Water ffom 23 to 27.
	on X on X		5 2	R.G. McDowell C.VanHoverbek	G. Warren	Mar. 8,1961 Oct.17,1962	5	5	35 45	25 16		In D,S	Yellow sand 8; clay sand 27; clay 50; sand 55; fine sand 65. Water from 55 to 65. Yellow sand 9; orey clay 34; putty sand clay 54; fine sand 60.
	on X		14		R. Hodgson	Nov. 2,1961	4	3	23	15		D	Water from 54 to 60. Topsoil 2; yellow sand 5; clay sand 20; sand 26. Water from 20
	on X on XI		24 1	E. Terdick T. VanGulck	T. VanKessel G. Warren	May 15,1961 Jun.11,1962	2 5	5	65	36 10		D D,S	to 26. Fine sand 45. Water at 36. Yellow sand 8; putty sand clay 17; grey clay 55; putty sand clay 85; sand 96. Water from 85 to 96.
	on XI on XI		8 12	A. Timperman A. DeLeemans	L. Hodgson C. Strome	Mar.18,1963 Sep.28,1960	1	8 3		9	*	Ir D	Brown sand 24. Water at 20. Red sand 4; hard sand clay 9; white sand 12; grey fine sand 18;
	on XI on XI		12 14		R. Hodøson	Jun.19,1961 Nov.14,1961	4	3 7	20	8 10	*	D D,S	coerse fine sand 23. Water at 18. Loam 3; red sand 8; fine grey sand 17; white sand 22. Water at 8. Topsoil 2; yellow sand 8; clay 12; clay sand 21; sand 28. Water from 21 to 28.
C	on XII	•	2	J. Vermeersch	G. Warren	Mar.17,1961	5	2	46	30		D,S	Yellow sand 10; putty sand 34; fine sand 49. Water from 34 to 49.
	on XII		6	R. Opdeeam	•	Oct.30,1961	5	4	56	34		D	Yellow sand 40; white sand 46; fine sand 56. Water from 46 to 56.
	on XII on XII		8 10	R.G. McDowell C. Spriet	L. Hodgson & Son W.A. Belore	Mar.25,1962 Apr. 4,1963	2	15 5	20	15 20	*	D,S	Cld dug well 15;coorse sand 40. Water at 35. Old well 20;fine gravel 28;putty sand 48;sand 65. Water at 28, 49, and 65.
C	on XII on XII on XII on XII	*	11 12 12 12	P. Hemeryck E. Parry	W.A. Belore C. Strome	May 14,1962 Apr.25,1960 Oct.11,1962 Nov. 1,1962	1 1 1 5	10 6 3 5	18	12 20 9 13	:	D, C	Pine sand 16; coarse sand 21. Water from 16 to 21. Red sand 10; brown sand 14; sand 28. Water from 18 to 28. Dark sand 6; red sand 15; plaster sand 20; sand 29. Water at 29. Yellow sand 18; sand 22. Water from 18 to 22.
	on XII on XII		13 15	L. Pieters	W.A. Belore C. Strome	Aug.16,1960 Nov.19,1960	1	5 2		8 19		<b>D</b>	Red sand 3;grev sand 9;sand 23. Water at 8. Topsoil 2;fine sand clav 9;clay 13;silt 15;clay 21;sand 30.
	on XII		15 15		G. Warren WarrenWater Wells	Nov. 6,1962 Mar. 7,1963	5 5	5 5	25 30	17 8	:	D D	Water at 30. Yellow sand 25; putty sand 30; sand 35. Water from 30 to 35. Yellow sand 12; fine grev sand clay 28; hard grey clay stones
Ç	on XII		24	J. Wiebe	S. Lyons & Son	Aug.11,1962	8	40	75	75	-	D,S	38; fine arey sand 40; grey clay. Water from 38 to 40. Fine sand 140; fine sand stones 161; grey limestone 170. Water at 167.
(	on XIII on XIII on XIII		6	B. Hall A. Marozsan A. Dewaele	W. Burwell J.H.Weaver & Son Cole Water Wells	Sep.20,1960 Oct.16,1962 Apr.23,1963		5 8 2	18 127	6 18 45	*	D D,Ir Ir	Sand S;clay 25;sand 36. Water at 25. Tellow sand 18;brown sand 31. Water at 18. Yellow sand 12;grey clay 14;red sand 40;outty sand 80;fine
c	on XIII		7	T. Mortier	W.A. Belore	Peb. 9,1960	2	6	60	44	•	D,5	sand 88; butty sand clay 121; sand 127. Water from 121 to 127. Previously drilled 32; sand 76. Water from 44 to 76.

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1	RFOLK O				1	<b>.</b>	ľ					1 1		
	Con XIII Con XIII Con XIII Con XIII Con XIII	I I I		12 12 13 13	A. Spriet H. VanLouwe J. De Vos C. Vanderhaghe	W.A. Belore G. Warren C. Strome G. Warren C. Strome	Jul. 8,1960 Oct.22,1962 Jun.22,1960 Aug.31,1960 Peb. 5,1962	1 5 1 5	7 3 1 5 2	40 20	7 15 12 10 15	Fresh	00000	Red sand 5;dark sand 8;sand 29. Water at 8. Yellow sand 33;fine sand 40. Water from 33 to 40. Red sand 6;white sand 14;grey sand 28. Water at 20. Yellow sand 20;sand 30. Water from 20 to 30. Sand stone 6;hard red sand 12;gravel 14;coarse sand 15;fine
	Con XIII Con XIII Con XIII	I	•	13 13 15	J. Allewsert A. Taffeiren J. Cosyns	G. Warren W. Burwell C. Strome	Aug. 1,1962 Sep.28,1962 Jul.20,1963	5 5 2	10 7 35	30 15	20 13 11	:	D D,C Ir	sand 38. Water at 16. Sand 32; wellow sand 40. Water from 32 to 40. Old dug well 12; sand 32; sand 42. Water at 32. Fill 3; sand stone 8; clay 12; fine sand 20; white sand 30. Water at 30.
	Con XIII	I	*	15	•	•	Oct. 3,1963	1	2		18	*	D	Old well 3; red sand 9; gravel clay 13; coarse sand 16; fine sand 28. Weter at 29.
	Con XII	I	*	16	V. Simonics	J.H. Weaver & Son	Oct.30,1961	1	8		14	•	Ir	Topsoil 1; yellow sand 4; gravel 5; white sand 11; streaks clay gravel 14; sand 25. Water at 14.
	Con XIII Con XIII Con XIII	I	:	16 16 21	A. DeVriendt J. Pake	W. Burwell C. Strome	Jul.17,1962 Jul.17,1962 Apr.22,1961	5 5 1	15 30 6	30 15	10 10 28	:	Ir Ir D	Send 20; clay 25; send 40. Water at 25. Sand 20; clay 25; send 46. Water at 25. Too fill 4; red sand 15; white sand 29; grey sand 38. Water
	Con XIII			22 22	M. Bøzek	W.A. Belore R. Hodgson	Apr. 9,1960 Nov.22,1963	2 5	5	34	20 32	:	D,S	at 30.  Red sand 10; clay sand 20; sand 45. Water at 20.  Toosoil 2; yellow sand 6; clay sand 30; gravel sand 36; coarse sand 46. Water from 36 to 46.
	Con XIII	I		23	H.A. Wilson	G. Warren	Nov.10,1962	5	21/2	75	39		D,S	Yellow sand 20; fine gravel 25; yellow sand 78; fine sand 96.
بر س	Con XIII	I		24	J. Major	R. Hodgson	Oct.17,1962	5	5	61	50	*	D,S	Tonsoil fill 2; sand 6; grey clay 65; fine sand 72. Water from 66 to 72.
7	Con XIV Con XIV			1 11		L.Hodgson & Sons	May 20,1960 Jul.15,1960	2 2	6 11		4 18	:	Ir Ir	Black sandy loem 4; coarse send 27; clay. Water at 4. Large dug bit 18; sand 19; coarse sand 47; clay. Water at 19.
	Con XIV			12 12	R. VanSeveren .C. DeMent	C. Norman J.H. Wesver & Son	Apr.25,1960 Oct.15,1962	2 1	5 8		8 13	:	D,Ir	Medium sand 8; sand 24. Water at 8. Old well 12;gravel 17; brown quicksand 27; brown sand 34. Water at 13.
	Con XIV		•	12	R. Neyens	C. Strome	Jul.13,1963	2	10		15	*	Ir	Sand 3; clay stone 10; red sand 15; wite sand 25; coarse sand 36. Water at 36.
	Con XIV			13 15 15 17 17 21 23		G. Warren C. Strome W. Burwell L.Hodgson & Sons G. Warren	May 22,1962 Sep. 1,1960 Feb.20,1963 Aug.23,1961 Nov. 5,1962 Nov.15,1960 Oct.12,1962	5 5 1 5 2 5	20 31 3 7 10	14 30 16 42	14 7 22 15 15 21 22		D D,S D,S D D D D D D D D D D D D D D D	Red topsoil 4; grey soil 27; fine send 31. Water at 27. Yellow sand 10; dirty send 30; sand 41. Water from 30 to 41. Yellow sand 23; fine sand 30. Water from 23 to 30. Old well 15; sand 25. Water et 25. Sand 20; send 28. Water at 20. Large dug pit 20; sand 21; coarse sand 49. Water at 21. Yellow clay 18; grey clay 38; fine sand 42. Water from 38 to 42.
	Con XIV		*	24	H.L. Demarest	Warren WaterWells	Кау 24,1963	5	5	40	18		D,Ir	Yellow sand 30; sand 36; clay 40. Water from 30 to 36.
8	Simcoe To	Town			L. Smith	J.H.Weaver & Son	Oct. 4,1960	1	8		20		ם	Old well 14; blue stony bardban 17; coarse gravel 18; blue stony bardban 20; brown sand 40.
	Simcoe '				Simcoe P.U.C.	International Water Supply Ltd.	Oct. 20,1960	5					7-60	Black muck 5;dirt sand gravel 23;blue clay 70;rock. Water at 23, Fill 5;black muck 7;clay gravel 10;soft silty clay 35;clay 73
	Simcoe !						Oct.24,1960	5	_			<b>4</b>		rock.
	Simcoe Simcoe				N. Mandryk Brook Woollen Mill Comp.	E. Stewart T. VanKessel	Mar.24,1961 Jul. 7,1961	7 2	5 20	35	35 3	Sulphur	I <sub>n</sub>	Sand clay mixture 129; soft grey limestone 140. Water at 140. Coarse sand 18, Water at 3.
		1963	- 1	-	O Postmeter sim		leasting abbas					-1	20222	of walls may be found at the and of tenending

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	ORFOLK COUNTY - cont. Simcoe Town - cont. Simcoe Town Simcoe Town	J. Gibson J. Rook	R. Hodgson E.A. Mitchell	Sep.18,1961 May 7,1963	56	5	27 35	22 27	Fresh	D D	Dug well 15; colay sand 35; sand 42. Water from 35 to 42. Clay 30; sand 90; clay gravel mixed 130; brown limestone 133;
	Simcoe Town	Simcoe P.U.C.	International Water Supply Ltd.	Jul. 4,1963	26	275	20	2		1-63	Water at 131. Silty send 6; coarse sand 24; finer clean sand 34; fine sand 42. Water from 6 to 42.
	Simcoe Town	,	water Supply Led.	Jul.25,1963	26	150	21	3		2-63	Silt thin streaks clay gravel 5; coarse sand 24; medium to fine sand 32; clay 32. Water from 5 to 32.
	Simcoe Town	•	•	Aug. 1,1963	5					T 1-63	Black losm 1; sand gravel 34; sticky, clay 44.
	Simcoe Town	•	•	Aug. 2,1963	5					2-63	Black loam 1;dirty sand gravel 3;sand gravel 32;sticky clay 34.
	Simcoe Town	•	•	Aug. 6,1963	5					3-63	Black loam 1; dirty sand grovel 2; sand gravel 23; clay silt 25.
	Simcoe Town	•	•	Aug. 6,1963	5					4-63	Black loam 1; sand gravel 17; clay silt 18.
	Simcoe Town	•		Aug. 6,1963	5					T 5-63	Black loam 1; dirty sand clay gravel 3; sand gravel 26.
	Simcoe Town	•		Aug. 7,1963	5					T 6-63	Black loam 1; dirty sand clay gravel 5; sand gravel 19; silt 21.
	Simcoe Town		,	Aug. 7,1963	5					7-63	Black loam 1;dirty sand gravel clay 3;sand dirty streaked gravel 11;sand clay gravel 19;clay silt 21.
	Simcoe Town	•		Aug. 7,1963	5					T	Black loam 1; dirty sand clay gravel 4; fine dirty sand 10; silt 17.
30.9	Simcoe Town		•	Aug. 7,1963	5					T 9-63	Topsoil 1; clay sand 4; silt 23.
w	Simcoe Town	•	-	Aug. 9,1963	1					T 10-63	Black loam 1; dirty sand 4; sand 33; silt clay 34.
	Simcoe Town		•	Aug.12,1963	5					T	Toosoil 1; dirty sand clay 4; sand 25; sand clay 27; sand clay 29; clay sand silt 31.
	Simcoe Town	•	•	Aug.12,1963	1					T	Topsoil 1;dirt send clay gravel 4;send 17;sand clay 25;clay silt 27.
	Simcoe Town	•		Aug.20,1963	26	200	14	1	Fresh	T	Tousail 2; silt sand gravel 11; coarse sand 26; medium coarse sand 32. Water from 2 to 32.
	Simcoe Town	•	H.	Sep.19,1963	26	200	17	2		T	Tonsoil 1; silt gravel 3; coarse sand gravel 15; medium coarse sand 24; medium fine sand 33; clay.
	Simcoe Town	•		Sep.30,1963	26	200	16	2	•	T	Fill 2; tonso'l Silt 4; coerse sand gravel clay 6; coerse sand gravel 30; clay sand 31. Water from 4 to 31.
	South Walsingham Two Con B lot 2 Con B "13	A. Lucas Long Point Marina	C.H.Kent R. Hodgson	Jul.21,1963 Apr.15,1963	5 5					N	Brown clay 10; blue clay 328. Fill 6; swamp sand 11; clay 49. Dry hole.
	Con B " 14 Con I " 13 Con II " 17	Smith Bros. C.&M.Food Ber Conservation Auth. Mill	L. Hodgson & Son R. Hodgson	Apr. 4,1963 Apr.18,1963 Sep.22,1960	5 1 5	12	140	5 25	Fresh Sulphur		189; clay 296; limestone 320. Water at 302.
	Con III	A. Spanigs D. Weber A. VanHooren	J.H. Weaver & Son Burwell Evanitski G. Warren	Apr. 7,1960 Mar.30,1961 Mar.30,1961	1 1 5	8 5 3	38	16 18	Fresh	D,S Ir	Topsoil 1; yellow sand 4; blue guicksand 16. Water at 4. Old dug well 10; butty sand 16; sand 26. Water at 16. Yellow sand 20; grey butty sand 40; fine sand 45. Water from 40 to 45.
	Con V * 13	C. Russell	R. Hodgson	Dec.13,1963	1	112		16	*	ס	Tonsoil 2; brown sand 18; fine grey sand 23. Water from 18 to 23.

2	ORFOLK COUNTY South Walsingh			7	1	Ī	ı i		1	1	1	1		
	Con V Con V Con VI Con VI Con VI		9	L	Lengyel Preszler Fulop Nagy Erie Tobacco	L.Hodgson & Sons R. McKenzie C. Norman J.H.Weaver & Son L.Hodgson & Sons	Apr.20,1963 Mar.12,1963 May 25,1960 Apr. 5,1963 Oct.15,1960	1 1 8 1 2	7 6 5 8 10		10 12 4 10 8	Fresh		Fine sand 10; coarse sand 25. Water at 10. Fill 4; yellow sand 9; brown sand 23. Water at 12. Black loam 4; sand 12. Water at 4. Tonsoil 1; yellow sand 5; white sand 10; sand 16. Water at 10. Sandy loam 8; coarse sand 26; clay. Water at 8.
)	Townsend Twp.	1,	t 4	R	3. Logan	G.A.Dennis &Sons	May 20,1960	5	5	70	26	Fresh	D	Sand gravel 69; limestone 73; blue shale 75; limestone 77.
									8			. Tesn	ם	Water at 74.
	Con I		5		. Arthur	W. Packhem	Apr. 2,1962	6		100	60		_	Old well 30; blue clay 75; fine sand 95; blue clay 110; limestone 120. Water at 115.
	Con I		6	W	. Zozwiok	H. Wood	Apr.20,1961	6 <del>2</del>	12	32	30	•	D,S	Clay stones 30; sand 62; clay gravel 55; quicksand 99; blue clay stones 101; hard granite 120; soft rock 130. Water at 129.
	Con I Con I	•	6 19	D	. Strumburger ). Kosar	W. Packhem E. Stewart	May 16,1962 Aug.28,1963	6 5	15 10	55 28	42 20	:	D,S D	Old well 45; blue clay 110; gravel 113. Water at 113. Yellow clay 20; blue soft clay 85; blue clay gravel 95; hard blue clay 101; brown limestone 112; brown limestone gypsum 115. Water at 115.
	Con I		19	J	. Dewuilt		Sep. 5,1963	5	10	65	20	Mineral	D	Yellow clay 15; blue clay 109; hard blue clay 115; brown
	Con II	•	3	R	. Ludlow	W. Packham	Sep.24,1963	6	30	25	13	Presh	D	limestone 121. Water at 121. Sandy loam 35;gravel sand 40;fine muddy sand 85;sand gravel
309	Con II Con II		7		. Woodard	G.4.Dēnnis &Sons S. Linton	May 13,1960 Dec. 9,1961	6½ 1	5 25	70	14 9	:	ם	90; gravel 91. Water at 91. Sand gravel 40; clay 73; limestone 84. Water at 75. Sand stones 4; clay stones 9; gravel 112; sand 14; clay. Water at 9.
	Con II	•	7	R	l. Carpenter	C. Strome	Oct.21,1963	5	8	14	11		D	Gravel clay 8; coarse gravel 14; coarse sand 18; medium sand 32.
	Con II	,	14	. 0	C. Slaght	*	Nov.23,1963	5	6	18	17	-	ם	Water at 32. Old well 25; putty sand 40; blue clay 58; coarse gravel 59.
	Con III Con III		19 4		. Carewsky ladvanyi Bros	E. Stewart H. Wood	Sep.20,1962 Oct. 8,1963	5	10 8	40 23	25 23	:	D,S D,S	Water at 59. Black loam sand 9;blue clay 102;sand 105. Water at 105. Yellow sand 8;fine sand 14;quicksand 30;butty sand 60;clay
	Con III	•	6	U	Inited Church	G. Warren	Nov. 2,1961	5	2	32	11		P	130; cley stone 148; rock 150. Water at 150. Old well 11; sand gravel 20; white sand 29; sand 32. Water from 29 to 32.
	Con III Con III	i i	7 7		. Vivien . Cebulak	W. Packham E. Stewart	Nov.26,1962 Jul.26,1963	6 5	24 10	30 38	21 38	*	S D	Stony clay 38; sand stone 45. Water at 42. Sand loam 30; clay gravel 65; quicksand 91; hard brown limestone 112. Water at 112.
	Con III		7	J	. Wernysky	R.W. Swayze	Oct.31,1963	6	20	27	27	•	D,S	Clay stones 40; quicksand 48; blue clay gravel stones 60; flint
	Con III		8	s	. Cebulak	G. Warren	Aug. 3,1961	5	5	30	30	-	Ir	85; grey limestone 100. Water at 97. Loam 5; dirty gravel 25; grey clay stones 40; fine sand 42; clay
	Con III	4	11	E	.T. Anderson	W. Packham	Mar.28,1962	6	24	35	28		s	stones 68; grey gravel 72. Water from 68 to 72. Brown clay 30; silty clay gravel 40; blue clay 46; limestone 60.
	Con III Con III Con III Con III	•	12 13 13	L	C.C. Slaght C.Cidona C. Almond R. McDole	R. Swayze  ** E. Stewart	Dec. 3,1963 Nov.24,1961 Aug.31,1962 Aug.12,1963	6 6 5	30 10 20 70	5 50 20 6	5 8 12 2	:	S D D	Water at 55. Clay 50;sendy clay 85;limestone 90. Water at 87. Brown clay 50;brown limestone 57. Water at 55. Grey clay 20;grey clay sand stones gravel 41. Water at 41. Loam 8;blue clay gravel 25;blue clay 31;brown limestone 40;
	Con III Con III Con III Con III	•	14 16 20 24	A	M. Kobylanski D. Dmetritc L. Evens Baptist Parsonage	R. Swayze	Nov.20,1963 Oct. 5,1960 Jun.19,1962 May 21,1960	6666	5 25 15 30	30 8 53 20	11 8 24 10		D,S S D D	brown limestone shale 53. Water at 53. Old well 11;grey limestone 35. Water at 30. Clay 49;gravel 52. Water at 44. Grey clay 92;shale limestone 98. Water at 95. Clay 89;limestone 95. Water at 82.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

					4.8								
	LOCATIO	) N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	LEVET.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
T	RFOLK COUNTY ownsend Twp. Con IV	-0	ont.	A. Guch	R. McKenzie	Oct. 8,1962		4		32	Fresh		Old well 30; grey fine send 35; fine brown send 46. Water at 35.
	Con IV	•	5 ?	P. Zawada J. Irwin	H. Wood W. Packham	Apr.10,1962 Dec. 4,1962		12 24	22 40	21 25 6	:	D	Yellow sand 8; fine sand 26; outcksand sand 56; putty sand 106; blue clay 156; hardpan 160; dark rock 162. Water at 162. Old well 20; sand 30; sand gravel 65; sand stone 67. Water at 65.
	Con IV Con IV		9	J. Bakker M. Peart	C. Strome	Aug. 6,1960 May 14,1960	1	6	13	3		ם	Hard soil 9; putty sand 24; blue clay 51; clay stone 70; clear gravel 72; bedrock. Water at 70. Red hard soil 8; putty sand 29; fine sand 30; coarse sand 36;
	Con IV	*		E. Bunt	R. Swayze	Oct. 4,1961 Sep.27,1960		20	25 25	22 20		D D	clay. Water at 29.  Brown clay stones 57; brown limestone 63. Water at 61.  Grey clay 36; filmt 44. Water at 41.
	Con IV Con IV Con IV		12 12 13	M. BurkeEstate Baptist Church	R. Swayze	Oct. 6,1961 Nov.23,1961 Jan. 8,1960	6 5 6	25 10 2	15 35 10	15 14 10		D D	Clay stones 31; limestone 36. Water at 33. Brown clay 33; brown limestone 38. Water at 38. Clay 20; gravel clay 30; brown limestone 35. Water at 32.
	Con IV		14 18	Parsonag T. Giles D. Anderson	E. Stewart	Aug. 6,1960 Jun. 1,1962	6 5	20 10	11 100	11 8		D,S	Clay 13;grey limestone 28. Water at 25. Blue clay 60;soft blue clay 103;grey limestone 135;grey limestone gypsum. Water at 135 and 160.
	Con IV Con IV Con IV Con V		18 22 22 4	E. Kalis L. Demanski	R. McKenzie	Jun.12,1962 Jun.20,1962 Jun.23,1962 Oct.11,1962	5	10 10 6	90 125 20	15 25 14	Sulphur Fresh	D,S D,S D,S	Clay boulders 96;prown limestone 165. Water at 125 and 155. Clay boulders 96;prown limestone 165. Water at 125 and 155. Clay boulders 96;prowel 98. Water from 96 to 98. Old well 24;gravel 30;grey clay 40;brown sand 57. Water at 40.
	Con V		5	M. Bozek J. Biro	R. Hodgson	Mar.26,1963 Jul.25,1962	5	6	35 28 40	35 27 28		D,S	Yellow sand 1; sand 10; sand boulders 26; clay sand 33; brown sand 41. Water from 33 to 41.  Fine sand 38; sand grevel 45. Water from 40 to 45.
9	Con V Con V Con V		7	C. Verini V. Pajor	R. McKenzie E. Stewart	Sep.9, 1962 Nov. 9,1962	1	10	45	23 45		D, C	Old well 6;brown sand 20;brown clay 23;gravel 32. Water at 23. Sandy loam 3;quicksand 110;clay 118;brown limestone 120. Water at 120.
	Con V Con V Con V Con V Con V		13 13 13 13	M. Bunt A. Bernyck Z.Zakamaro	R. Sweyze	Oct. 1,1960 Mar.13,1961 Jun. 9,1961 Sep.12,1962 Oct.12,1963	6	20 1 20 25 5	14 55 15 15	14 16 10 14		D D D	Silty clay 37; flint 53. Water at 50.  Clay 39; limestone 60. Water at 55.  Clay boulders 37; flint 45. Water at 42.  Old well rock 36; flint limestone 48. Water at 45.  Black loam 2; brown sand clay 9; brown medium corrse sand 12;
	Con V Con V	*	13 16	P. Mulyk S. Huba	E. Stewart	Nov.30,1963 Sep.20,1960	5 7	5 15	18 60	16 12		D D,S	grey fine mand 17;silt clay layers 20, Water at 9. Clay 38;brown limestone 44, Water at 44. Overburden clay 32;brown limestone 65;brown limestone shale
	Con V Con V Con V Con V Con VI		16 18 22 22 9	L. Stadnik M. Kozicki	R. Swayze  E. Stewart R. Swayze	Jun. 7,1962 Nov.20,1963 Nov.11,1960 Dec.11,1963 Jan.10,1963	66656	15 5 20 30 25	10 60 25 18 45	Plows 16 19 18 33	Sulphur Fresh	S S S D,S	145. Water at 125 and 144. Drilled well 62; limestone 68. Water at 66. Clay 59; limestone 90. Water at 87. Clay 9; flint 12; grey limestone 50. Water at 45. Decoened well brown limestone 73. Water at 73. Gravel 30; yellow sand 60; grey sand 90; grey clay sand 100; flint 118; grey limestone 130; brown limestone 152. Water at
	Con VI Con VI	:	13 17	A. Boudreault J. Shabatura	E. Stewart	Aug.23,1960 Aug.12,1960	6 7	15 6	50 25	12 Flows	•	D Ir	107 and 148. Sandy clay 56; flint 65. Water at 63. Clay 20; brown limestone 60; brown limestone shale 120; brown limestone 130; shale gypsum 165; brown limestone shale 185.
	Con VI		17			Sep.12,1960	7	100	-	15			Water at 119 and 165. Sand loam gravel 39; brown limestone 60; brown limestone shale 120. Water at 95.
	Con VI Con VI		17 19	W. Moore S. Chary	R. Swayze E. Stewert	Sep. 25,1963 Sep. 1,1960	6	100	65 190	112			Grey cley 30;sand gravel clay 48;flint 60;grey limestone 78. Water at 75. Clay 74;brown limestone 90;brown limestone shale 130;shale
													gypsum 180; brown limestone scale 260; brown limestone 310; brown limestone scale 430; brown limestone 550. Water at 108 and 315.

	FOLK COUNTY												
	wnsend Twp. On VI On VI	lot		M. Nelles H. Heaslip	R. Swayze R. Gilbertson	Feb.16,1961 Nov. 2,1963	6	20 15	35 45	30 40	Presh	s s	Grey brown clay 4;flint 25;limestone 54. Water at 52, Brown clay 4;fine sand 10;grey brown limestone 75. Water
(	on VII		1	J. Placiennik	E. Stewart	Apr.30,1960	7	30	11	11		Ir	at 68 and 75. Sand 20; sand gravel 75; clay 99; brown limestone 160; limestone
(	on VII		1	T. Prorachi	R. Hodgson	May 24,1961	8	9	125	14	Sulphur	Ir	
(	on VII	•	2	P. Ferrell	E. Stewart	May 6, 1960	7	30	3	3	Fresh	ם	clay 80; grey brown limestone 133. Water at 85 and 131. Sand loam hard heads 55; clay 122; brown limestone 125. Water
C	on VII	•	2	R. Stickles	R. Hodgson	Jun.21,1961	6 <del>1</del>	300	125	19		Ir	at 125. Topsoil 1;yellow send 8;sand 20;soupy send 98;clew boulders 104;shelly rock 111;grey brown limestone 163. Water at 105,
(	on VII On VII On VII	:	5 5 5	T. Frystak	R. McKenzie J.H. Weaver & Son R. McKenzie	Oct.26,1962 Oct.29,1960 Oct.29,1963	4 1 1	4 8 6	111	94 35 19	:	D D D,S	125 and 162. Old well 26;gravel 30;grey clay 126;stones 136. Water at 126. Old well 35;fine gravel 43. Water at 35. Old well 4;brown sand 8;brown sand stones 14;fine sticky sand
0	On VII On VII On VII On VII On VII	***	12 16 18 21 21	K. Anderson	R. Swayze  " " S.W. Merritt International Water Supply Ltd.	Nov. 9,1962 May 5, 1962 Jan.17,1961 Nov. 5,1960 May 9, 1961 Aug.22,1963	66668	20 10 20 20 16	30 47 60 37 30	25 20½ 42 37 25	Sulphur Fresh Sulphur Fresh	D,S D S D,S	20;brown send 29. Water at 20. Sand 12;grey clsy 74;flint 105;limestone 130. Water at 127. Clsy 35;flint 53%. Water at 45. Brown clsy 41;flint 63;limestone 87. Water at 84. Brown clsy 23;flint 60;limestone 100. Water at 97. Grey clsy 27;brown rock 96. Water from 70 to 96. Sandy clsy fill 4;black losm fine send 8;send gravel 32; silt streaks clsy 75;herd clsy gravel 80;limestone 91. Water at 8.
311	on VIII	*	4	*	•	Aug.26,1963	2			5		T	Clay 5; black muck fine sand 7; clay 9; fine sand silt 16; gravel
C	on VIII	*	4		•	Aug.27,1963	1			6		T	sand 32; soft clay gravel 37. Clay 4; black muck 5; soft grey clay 9; silt fine sand 18; sand
(	on VIII	*	4	•	•	Aug.28,1963	2	45	8	7	Fresh	T	
(	on VIII		4		*	Sep. 3,1963	2	45	4	3	•	T	
(	on VIII		4	•		Sep. 6,1963	1			4		T	clay 45. Water from 13 to 33. Gravel fill 1; black muck 3; sandy clay 12; sand gravel 37; soft clay 45. Water from 12 to 37.
(	on VIII	×	4	•	•	Sep.10,1963	1			5		T	Gravel fill 2; black loam 3; sand clay 10; sand gravel 32; soft clay 45. Water from 10 to 32.
(	on VIII	*	4	*	•	Sep.11,1963	7	300	11	4	Fresh	T	
(	on VIII		B		*	Aug.19,1963						T	
(	on VIII	•	6		•	Aug.20,1963						T	broken limestone 115; limestone 119. Topsoil 1; dirty fine sand clay 4; sit clay streaks 81; soft clay 85; cemented gravel 86; soft clay gravel 107; broken limestone clay gravel 117; limestone 118.
	on VIII on VIII		6	J. Morgan H. Rice	R. Swayze	Sep.27,1962 Aug.17,1963	6	10	27 80	22 9	Fresh Sulphur	D S	Sandy clay 20; sand 40. Water at 40. Yellow clay 20; blue clay 62; flint 82. Water at 80.
(	on VIII	*	16 17		B. Helka	Dec.10,1960 Feb.16,1961	6	2 6 30	80 30	25 20		S P	Grey clay 18; flint 70; limestone 85. Water at 82. Brown clay 11; flint 55; white sandstone 60; grey shale 62; flint
	on VIII		18	L. Liedal	R. Swayze	Peb.10,1961	6	2	90	33 23		s	63. Water at 47 and 61. Sandy brown clay 54; flint 75; limestone 95. Water at 92.
(	On VIII On VIII On IX		18 23 4			Oct. 1,1963 Nov.20,1961 Nov.18,1963	6 6	20 20 2	35 41 130	23 41 15	•	S S N	Yellow clay 37; flint 57; limestone 90. Water at 87. Clay 20; flint 55; limestone 75. Water at 72. Sandy clay 40; grey quicks and 50; sand clay 130; flint 162. Water at 152.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	L	OCATION	r i		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
To	FOLK 00 msend on IX	Twp		t.	S. Zlateff	R. Hodgson	Sep. 7,1960	5	5	35	35	Fresh	D	Topsoil 2;gravel 7; coarse sand gravel 20; sand 44. Water from
c	on IX		•	10 18	T. Duseling W. Atkins Jr.	R. Swayze B. Helka	May 8, 1961 Feb. 9,1961	6	15 30	30 30	27 23	:	D D	40 to 44. Clay losm 20; sand 40. Water from 35 to 40. Brown clay 12; flint 58; white sandstone 64; grey shale 66; flint
C	on IX on IX on X		•	20 24 4	C. Hall J. Hauk A. Sloet	R. Swayze S. Lyons & Son	Sep.23,1960 Nov.14,1960 Jul.27,1962	6 6 5	15 20 50	40 45 30	24 40 28	:	s D D,s	67. Water at 50 and 65.  Grey clay 25;flint rock 49. Water at 46.  Old well 38;flint 57;limestone 110. Water at 107.  Sand 40;fine gravel 45;sand 136;clay stone 139;limestone 141.  Water at 141.
	on X on X on X on X			6 12 15 20	E. Lamb	W. Burwell W.A. Belore H. Wood R. Swayze	Jul.22,1960 May 17,1962 Oct.10,1963 Aug.13,1962 Nov.26,1960	2 1 4 6	61 8 1 15	17 19 70 40	25 17 19 17 30	Sulphur Fresh	D S	Silty send 30; fine send 40. Water at 30. Old well 6; grey coarse send 37%. Water at 18. Sand 5; clay 57; rock 60. Water at 60. Clay 35; flint 70. Water at 60. Grey clay 28pflint rock 63. Water at 60.
	on XI			2	W.P. Watt J. Johnson	E. Stewart S. Linton	Jul.19,1961	8	340 10	130	38	Sulphur	Ir D	Loam sand 10; loam sand gravel 45; clay 138; brown limestone 184; brown limestone shale 274; shale gypsum 300. Water at 163 and 300.
C	on XI			3	E. Smith Bloomsburg	R. Hodgson	Dec.23,1963 Jul. 1,1960 Oct.12,1960	5	5	50 21	25 30 21	Fresh	ם	Open pit 5; sand 7; old well 26; fine sand 33½. Water at 25. Old well 30; fine sand 35; clay sand 60; soupy clay 110; clay 119; soupy sand 135; clay 152; gravel 154. Water at 153. Sand 5; hard clay 10; coerse gravel 15; fine sand 20; gravel 21;
	on XI			4	Parsonage B. Piasta	#	Nov.11,1960	1	5	21	21	•	ם	coarse sand 25. Water at 21. Sand 5; hard clay 10; coarse sand 15; gravel 20; medium sand 25. Water at 21.
	on XI		•	4 4	S. Kushner School Area	T. VanKessel G. Warren	May 29,1961 Oct.26,1961	2 5	5	32 55	32 44	*	D P	Old dug well 16; fine sand 32. Water at 32. Open hole 3; sand petbles 50; fine sand 68. Water from 50 to 68.
	on XI			4	J. Chivers	R. Hodgson	Aug. 7,1962	5	5	34	30		D	Topsoil 2; yellow sand 12; clay 19; gravel clay 34; sand 43. Water from 34 to 43.
	on XI			4 12	K. Knebel	R. Swayze	Aug. 8,1962 Sep.19,1960	5	5 20	34 50	29		D D	Top sand fill 3; sand 18; gravel 33; sand 42. Water from 33 to 42. Grey clay 58; sand 61; flint rock 70. Water at 67.
0	on XI on XI on XI on XII			13	D. Hall M. Hall J. Bernard D. Kotchan	E. Stewart B. Swayze E. Stewart	May 25,1963 Mar.30,1960 Sep.19,1963 Apr. 4,1961	6 7 6 7	20 20 6 2	30 50 90 8	10 Flows 26 8	Sulphur Fresh	B,S	Yellow clay 10; blue clay 55; flint 75. Water at 71. Clay 49; brown limestone 90. Water at 75 and 90. Yellow clay 34; flint 105. Water at 102. Sand loam mixture 15; fine sand 30; coarse sand 53; Water at
C	n XII			1	J. Wood	T. VanKessel	Sep.13,1961	1	30		10	•	۵	50. Sand 5;brown clay 15;blue clay 30;fine sand 34;coarse sand 42. Water at 34.
C	IIX no		•	3	R. Tate	R. Swayze	Dec.16,1963	6	8	57	39		D	Sandy losm 20; sandy clay 58; sand gravel 65. Water from 60 to 65.
C	on XII		•	4	M. Thomas	E. Stewart	May 15,1961	7	140	290	50			Previously drilled 200; brown limestone 250; brown limestone shale 290; brown limestone 365; brown limestone shale gypsum 385; brown limestone 395. Water at 140 and 335.
	n XII			5	W. Nicoll	R. Hodgson	Apr. 5,1961	5	5	53	35	•	1 1	Sand 2; gravel 20; silty clay 145; blue clay 154; sand 155. Water at 154.
	n XII			5	A. Malo		May 15,1961	8	50	300	74		N	Topsoil 2; yellow sand 15; grev sand 18; silty clay 145; white limestone 180; flint rock 280; brown limestone shale 500. Water from 15 to 18 and at 280.
C	on XII			5	•	S. Linton	Mar.25,1963	1	35	16	16		D,Ir	Open pit 18½; coarse sand fine gravel 24; fine sand. Water at 18½.
C	IIX no			6	J. Kolman	R. Hodgson	Aug.15,1963	5	6	31	16		D,S	

	ODBOTE ~	o i in ioni	T INCOME.											
	ORFOLK OR Townsend													
	Con XII			t 12		R. Swayze	Jul. 5,1961	6	25	50	35	Sulphur	D	Sandy clay 95; flint 120. Water at 117.
	Con XII			13 14	W.M. Hyde		Apr.25,1962	6	25 15 20 20 10	70 16 30	35 66₹ 16	•	D,S	Drilled well 72; flint 125. Water at 122.
	Con XII				E. Baguley H. Pokonza	,	Mar. 3,1961 Mar.10,1960	6	20	16	16	Fresh	S	Clay 49; flint 55. Water at 52.
	Con XII			17	W. McEown	E. Stewart	Nov. 3,1961		10	77	19	Sulphur Fresh	S	Clay 63; flint 75. Water at 72. Brown clay 30; brown limestone 92. Water at 69 and 90.
	Con XII			20	Porter's School	R. Swayze	Sep.19,1961	? 6	3	77 60	25 17		P	Previously drilled 51; flint 66. Water at 61.
	Con XIII	I		5	C. Cade	T. VanKessel	Jul.15,1963	1	4		8		כ	Province along 10,000 and 0h Market no
	On XIII	I		5	T. Bassarab		Aug. 7.1963	1	5	ĺ	12		۵	Brown clay 15; fine sand 24. Water at 21.  Brown clay 12; blue clay 16; fine blue sand 18; brown clay 182;
	Con XIII	I		8	G. Malo	R. Hodgson	Mar.23,1961	5	5	80	40		D. Tr	fine sand 23. Water at 18. Torsoil 2; yellow sand 6; gravel 9; yellow sand 20; fine sand 30;
					10.00 000.000.00			,			40		2,11	clay sand 50; fine sand 60; souny sand 90; clay sand 110; souny
	Con XIII	Ť		10	D. Stuart	S. Lyons & Son	Sep.13,1962		14	16	16		D.S	sand 149; limestone 158. Water at 156. Sand 3; clay 86; gravel P7; limestone 88. Water at 87.
	Con XIII		*	18	J. Reeves	R. Swayze	Jun. 5,1961	5	20	32	19		D, 3	Brown clay 31; flint 72; Water at 69.
	Con XIV		*	5	F. Schuyler	S.Lyons & Son	Oct.29,1962	5	10	32	22	•	D,S	Sand 124; clay 125; limestone 130. Water at 128.
	Con XIV		186	6	Ont.Dept. of	C. Goodberry Well	May 23,1963	6	18	100	37	•	S	Sand 2;gravel 17;sandy brown clay 30;grey clay 45;silt 75;
					Agriculture	Drilling								clay 95;silt 120;clay 147;quicksand 149;grey limestone 167.
	Con XIV		*	11	W. Waugh	R. Swayze	Aug.13,1960	6	1	90 55 65	29 45 65	*	D	Grey clay 92; flint rock 123. Water at 120.
	Con XIV		**	12	H. Nunn L. Toombs	E. Stewart	Jun.23,1961 Sep.12,1961	5	15 10	55	45	Sulphur	D	Sandy clay 60; flint 72. Water at 69. Sandy loam 6; brown clay 95; brown limestone 123. Water at 100
								-				november in the		and 123.
	Con XIV		*	13	F. Wilcox	S. Lyons & Son	Aug. 18, 1962	5	50 8	50	50		D	Yellow sand 8; soft blue clay 62; flint rock 102. Water at 102.
w	Con XIV			15	F.Lewanowsky J. Fennema	R. Swayze	Dec. 30,1960 Dec. 9,1963	6	20	90 50	22 47		S	Clay 71; flint 100. Water at 90. Sand 8; clay 48; flint 20. Water at 65.
(2	-011 1121						200. 7,1707		20	,,	7.4		ŭ	of or of the state
	Waterford	1 V11	lage											
	Waterford		Tage		S. Ivancici	E. Stewart	Jan.17,1961	7	20	45	45	Fresh	D	Clay hard heads 130; brown limestone 135; limestone shale 140.
						7745	W 0 40/4		_				_	Water at 140.
	Waterford Waterford		*		L. Miernick A. Gamble	Burwell&Evanitski	May 2, 1961 May 6, 1961	2	7.	21	25		D	Sand 30; sand boulders 40; sand 50. Water at 50. Sand 30; sand boulders 40; sand 50. Water from 40 to 50.
	Waterford				N. Curry	T.VanKessel	Oct.18,1963	ĩ	15	15	25 15		D	Topsoil 5; fine sand 15; coerse sand 20. Water at 15.
	Windham I	Iwp.												
	Con I		lot	; 4	J. Byke	C. Strome	May 10,1961	4	4	45	40	Fresh	D	Loam 5; gravel 8; stone gravel 19; large stones 23; fine gravel
							}							27; coarse sand 51; brown clay 67; grey clay stone 81; white sand 112; clay 117; grey limestone 120. Water at 120.
	Con I			13	N. Fraser	J. Stefan	Apr.13,1961	5	10	17	15		D,S	Yellow sand 17; silty sand 20; soft sandy clay 88; hard stony
	Con I			14	H. C. Treffry	H. Wood	Apr.10,1961	5	12	21	20		D,S	cley 105;dark grey rock 110. Water at 110. Clay small stones 30;sand 40;cuicksand 128;hardpan 131;soft
				-	S.McNelles	n. wood	Apr.10,1901	3	12	21	20		D,3	rock 132. Water at 130.
	Con I		*	17	H. Wood		Jul.12,1960	6 <del>1</del>	3	75	75	•	D,S	Clay 45; gravel 47; send 77; shelly rock 79; quicksand 119; brown
	Con II		n	16	S. Skuda	•	Sep.21,1962	5	12	2	1		D	limestone 120; grey rock 124. Water at 120. Yellow sand 3; clay boulders 90; sand 96; quicksand 106; hardban
	Con II			18	W.B.Whitehead		Aug.20,1960	61	4	29	27	Sulphur	D,S	111; grey rock 113. Water at 1122.
	Con III			3	J. Angi	T. VanKessel	May 11,1962	1		9	9	Fresh	D,5	Clay 35; sand 75; quicksend 137; grey rock 139. Water at 139.
	Con III			11	J. McVicar	E. Stewart	Oct.22,1962	5	30 20	16	ź		D	Sandy loam 45; clay 110; hard clay shaly rock 114; brown
	Con III			19	H. Heemskerk	G. Warren	Aug.19,1960	5	31	57	25		D,S	limestone 120. Water at 120. Yellow sand 8; clay stones 30; dirty gravel 34; sand stones 39;
				-/				,	7.5	27	23		5,5	clay stones 57; butty sand 70; sand 78. Water from 70 to 78.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	OM 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	LEVEL.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	FOLK COUNTY												
C	ndham Twp bn III bn IV		20 5	D. Szabo G. Coppens	Warren WaterWells H. Wood	Jun, 6,1963 Mar.25,1963	5	10 12	30 38	15 35	Fresh	D D,S	Yellow clay 10; sand 50; sand clay 58. Water from 50 to 58. Old dug well 40; clay 54; coarse sand 78; quicksand 123; putty sand 146; clay boulders 149; hardban 152; grey rock 153. Water
c	bn IV		6	A. Lundy	•	Apr. 4,1962	5	12	24	24	*	D	at 152. Yellow sand 5; fine sand 20; outcksand 50; outty sand 110; blue clay 130; herdban stone 139; grey rock 140. Water at 139.
Ö	on IV on IV	:	7 7	J.Tarcza S. McCoy	J.H. Weaver &Son H. Wood	Apr.10,1962 Mar.18,1963	1 5	8 12	36	20 35		D,Ir	Old well 24; brown sand 40. Water at 20. Yellow sand 40; clay 55; coarse sand 60; outcksand 75; butty sand
C	bn IV		9	H.A. Brown	S. Linton	Jun.12,1962	1	10	w.F.	24		D	147; hardban 149; grey rock 150. Water at 150. Old well pit 5; clay 7; fine sand 31; coarser sand 40. Water at 31.
C	on IV		23	P. McNamara	G. Warren	Oct.21,1960	5	5	38	30		D	Old well 30; red sand 33; rutty sand 65; sand 70. Water from 65 to 70.
C	on IV		23	A.L. Moore	•	Aug.23,1962	5	6	30	19	H	D,S	Yellow sand 18; clay stones 30; white sand 33; grey clay stones 50; yellow sand 65; sand 72. Water from 65 to 72.
c	on IV	*	24	D; Vandevyvere	*	Jul.10,1962	5	5	65	20		D	Yellow send 1; grey clay boulders 42; send 58; fine send 65.
C	bn IV		24	A. Lee	H. Wood	Sep.21,1962	5	12	32	32	*	D,S	
C	on V	*	10	R. Heimbuch	E. Stewart	Peb.3,1960	61	30	16	16	Sulphur	Ir	sand 121;herdhan 129;grey rock. Water at 1283. Sand loam hard heads 50;blue clay hard heads 100;quicksand 149;hard clay 153;hard brown limestone 225;brown limestone
, d	bn V	•	10	J. Schneider	R. Hodgson	Feb.26,1963	5	5	30	27	Fresh	D	shale 300; shale gypsum 325. Water at 160, 215 and 322. Boulders sand 8; sandy gravel 1°; sand 23; sand clay 43; sand gravel 47. Water from 44 to 47.
F 0	on V	*	14	A. Deyne	H. Wood	Jun.19,1961	5			Flows		D,S	Yellow sand 30;sand 38;gravel 40;clay loam 120. Water at 120.
C	bn V		22	G. Lee	G. Warren	Oct.13,1961	5	7	24	10	*	D,S	Sand 8; stones boulders 11; clay stones 32; sand 45. Water from
c	bn VI		4	R. Vervaeke	H. Wood	Mar.20,1962	5	12	21	20	Sulphur	D,S	32 to 45. Yellow sand 5;send 25;quicksend 40;grey clay 101;grey rock
c	on VII		10	J. McVicar	E. Stewart	Jul. 6,1960	7	6	15	10	•	Ir	120. Water at 120. Sandv losm 70; blue clay 85; outcksand 125; clay gravel 140; outcksand 152; brown limestone 285; brown limestone shale 330;
c	bn VII	*	22	W. Heyens	R. Hodgins	Mar.17,1961	5	4	29	26	Fresh	Ir	shale gypsum 350. Water at 185 and 350. Topsoil 2; coarse sand 15; yellow sand 22; clay sand 30; sand
c	on VIII		12	Windham Twp.	G. Warren	Aug.16,1960	5	10	20	10		P	35. Water from 30 to 35. Yellow sand 10; sand stones 14; yellow sand 30; sand 40. Water
	bn VIII bn VIII		14 18	J. Smart J. Tarcza	S. Linton H. Wood	May 18,1962 Apr. 6,1963	1 5	15 12	35	7 32	:	D Ir	from 30 to 40. Old well oit sand 4; fine sand 18. Water at 7. Clay stone 50; White sand 90; quicksand 110; butty sand 136;
	on VIII		19	J. Wray	W. Burwell	Nov. 3,1960	2	3		20		D	hardorn 139;grevel 141;clay stone 143;grey rock 152. Water at 152. Sand 5;clay 17;brown sand 29;sand 44. Water at 29.
	on IX	-	12		E. Stewart	Oct.14,1960	7	10	70	7	Sulphur	D	Sand losm 6; blue clay 45; outcksand 75; blue clay 125; clay gravel 145; hard clay 149; brown limestone 154. Water at 150.
	on IX		13			Dec. 5,1963	5	30	32	32	Fresh	S	Sand loom 6; blue clay 55; quicksond 75; blue clay 130; clay gravel 140; hard clay 154; gravel 158. Water at 154.
C	on IX on X on X	:	17	Y. Chanyi	Burwell&Evanitski R. Hodgson	May 30,1961 Jul.10,1962 Mar.23,1960	1 2 5	30 3	54	12 15 40	:	Ir D,S	Sand 30. Water at 25. Clay 3;clay sand 22;sand 30. Water from 22 to 30. Topsoll 2;gravel 4;clay 24;fine sand 50;sand 60. Water from
c	bn X		23	G. Van Craenen- broeck	G. Warren	Jan.19,1960	5	7	125	87	*	D,S	50 to 60. Sand 60; butty sand 170; blue clay 180; shelly rock 185. Water 12 185.

	Con	XII		19	E
	Con	XIL		20	J
	Con	XII		22	ž
	Con	XII	**	22	M
w	Con	XII		22	J
G	Con	XIII	*	1	S
	Con	XIII		1	I

		OUNTY -co												
	ndham On XI	Twpcor	t.		J. Downing &	D. Thompson	Oct.31,1962	4	25	22	17	Fresh	ם	Light sand 3; fine grey sand 22; coarse brown sand 27. Water from 22 to 27.
	On XI On XI	;		9	J. Grendys F. Spohn Jr.	T.VanKessel L. Hodgson &Sons	Sep.25,1962 Jul.30,1963	1 2	30	18	1º 4	,	D T	Fine send 15;blue clay 20; coarse sand 24. Water at 18. Fine sand 4;coarse sand 7;grey clay 7;coarse sand 14;grey clay 15;fine sand 20;stones 218;fine sand 37. Water at 4,
(	on XI		2	1	E. Clark	G. Warren	Mar.27,1962	5	6	35	22	*	D,S	7, 15, and 20å. Yellow sand 3;pit gravel 35;yellow sand 42;sand 49. Water from 42 to 49.
(	on XI on XI on XI		2	3	J. Lee D.M. Tippett H. Crosier	J.H.Weaver & Son G. Warren Cole Water Wells	Mar.26,1960 Oct.17,1961 Oct.12,1963	1 5 5	8 15 7	43 55	32 25 40	# Sulphur	D D,S Ir	Open bit 10; white send 32; coarse sand 35. Water at 32. San 58; butty sand. Water from 48 to 58.
(	on XII	r ·	1		W.W. Weber	T. VanKessel	Nov.27,1963	1	35	15	15	Fresh	D,S	Topsoil 2; brown clay 14; blue clay 20; coarse sand 26. Water at 20.
(	Con XII		1	.		,,	Nov.27,1963	1	25	15	15	**	D,S	Topsoil 2; brown clay 1°; blue clay 20; coerse send 25. Water at 15.
(	Con XII		5	5	G. Sukupcak	**	Mar.31,1960	1	4		30	-	כ	Topsoil 5; hard brown clay 25; blue clay 50; medium sand 61. Water at 56.
	on XII On XII		1	9	R. Cornell H. Dunkin	R. McKenzie R. Hodgson	Jan.19,1962 Sep.15,1962	1 5	5	27	12 15	00	D D	Brown send 20. Water at 12. Tonsoil 1; sand stones 15; clay sand 30; sand gravel 37. Water from 30 to 37.
	Con XII Con XII			5	J. Mandryk F. Langer	G. Warren	Apr. 3,1960 May 26,1961	5 5	3 5	44 35	2 25		D,S	Loose gravel 20; clay 42; sand 55. Water from 42 to 55. Yellow sand 34; sand 52. Water from 34 to 52.
w C	on XII On XII On XII	,	2	2	M. Thysmon J.VanDeVelde Simcoe	Burwell&Eveniteki G. Warren International Water Supply Ltd.	May 31,1961 Jun. 9,1962 Oct.18,1960	4 5 5	9 40	30 22	28 15	n	D Ir T 6-60	Yellow sand 40; sand 55. Water at 40. Yellow sand stones 29; sand 35. Water from 29 to 35. Topsoil 1; brown clay sand 9; dirty sand gravel 26; sand small gravel 31; clay gravel 34; clay 50; slity clay 85; clay 91.
(	On XII On XII On XII	II '	1 1 1	2	L.S. Culver J. Churchill W. Trembley Nixon Area	T. VanKessel S. Linton G. Warren	May 11,1961 Oct.22,1962 Apr.20,1963 May 29,1961	2 1 1 5	6 5 4 30	15	24 12 4	11 11 11	P D D	Sand 5; cley 20; fine sand 24; coorse sand 30. Water at 24. Medium sand 16; coarse sand 19. Water at 12. Yellow sand 4: medium sand 25%. Water at 4. Yellow sand 38; sand 47. Water from 30 to 47.
(	on XII	· .	1	3	School G. Newman	J.H.Weaver & Son	Jul. 2,1962	1	8		12		D	Topsoil 1; yellow send 12; brown quicksend 24. Water at 12.
(	on XII on XII on XII	i .	2		A. Reynaert J. Jasko	C. Strome	Nov.28,1962 Oct.12,1963 Oct.28,1960	1 1 2	8 8 1	44	1 1 39	# #	D D	Topsoil 1; yellow sand 4; grey sand 16. Water at 4. Topsoil 1; brown sand 3; horzben 4; blue sand 11. Water at 18. Gravel stone 11; fine gravel 20; clay 23; coorse gr vel 34; fine gravel 50. Water at 50.
	on XII on XII	. 1		3	L. Seman A. Larmens	G. Warren	Dec.29,1960 Apr. 2,1962	5 5	10 31/2	14 65	10 19		D D,S	Fill 6;dirty gravel 25;sand 33. Water from 25 to 33. Yellow sand 37;white send 46;fine dirty sand 72. Water from 60 to 72.
(	on XII	· ·	2	4	M. Pasichnyk	я	Mar. 4,1960	5	8	38	28		מ	Yellow sand 12; grey clay 20; sand gravel 45; sand 51. Water from 45 to 51.
0	On XII On XII On XII On XII On XII		2	4	O. Plancke E. Voigt R. Voigt J.DeRuysscher G. Wray	W. Burwell Burwell&Evanitski G. Warren R. Hodgson	Jul.15,1960 Jul.25,1960 Oct.10,1960 Feb. 5,1962 May 25,1962	2 2 5 5	5 4 5 7 8	35 18	20 18 0 28 26	***	D D D,In	Sand 4; clay 20; sand 41. Water from 20 to 41. Sand 10; blue clay 25; sand 43; Water at 30. Sand 10; clay 35; gravel 44. Water at 35. Yellow sand 40; sand 53. Water from 40 to 53. Topsoil 1; sand 15; sand gravel 24; gravel 28; clay 35; clay
(	Con XII	· II	2	4	J.M.Broomfield	L.Hodgson & Son	Jul.15,1962	1	6		22		D	gravel 43;gravel 48. Water from 43 to 48.  Coarse gravel sand 9;gray clay 22;fine sand 26;hardoan 26;
(	Con XII	ıı ,	2	4	E.G. Verhaeghe	W.A. Belore	Oct.29,1962	1	8		30		כ	coerse sand 47. Water at 43. Red sand 6; stony clay 20; gravel 29; fine gravel 47. Water at 30.
(	on XII	II *	2	4	Martin Re- frigeration	T. VanKessel	Nov.14,1962	2	8	2	37	*	D	Fill 5; medium sand 10; wrev clay 15; fine sand 37; very fine sand 46. Water at 37.
-				1	2 Footpotes giv:	ing the meanings of	location abbre	viatio	ne and	of sym	hole de	signating	11585	of wells may be found at the end of Appendix C.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	WATED	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	ORFOLK COUNTY												
	Vindham Twp Con XIII	-cont lot		G. Wray	W. Burwell	Nov.19,1962	4	7	20	15	Fresh	D	Fine sand 3; fine gravel 25; boulders 29; coarse sand 53. Water
	Con XIII		24	Dr.J. Kniff	R. Hodgson	Aug.23,1963	5	7	35	33		D	at 46. Topsoil 2;boulders clay 23;gravel 44; coarse sand 53. Water
	Con XIII		24	M.Vanleuven-	*	Nov.18,1963	4	6	34	33		D	from 44 to 53. Topsoil 2; yellow send 12; send gravel 25; boulders harden 30;
	Con XIII		24	hage H. DeWaele		Nov.20,1963	4	6	33	32		D	gravel 36; coarse sand 46. Water from 36 to 46. Topsoil 1; yellow sand 11; gravel 24; gravel hardpan 30; sand 35;
	Con XIV		1	M.A. Collins	R. Swayze	Aug.16,1961	6	8	20	13		D	coarse sand gravel 45. Water from 35 to 45.
	Con XIV		1	P. Leidl	T. VanKessel	Sep.20,1962	2	5	15	18	•	D	Sandy clay 30; sand 40. Water at 40. Fine sand 26. Water at 18.
	Con XIV		3	Simcoe	International	Oct.12,1960	5	_				T	Topsoil 1; brown dirty sand 8; dirty silt sand 35; blue clay 55;
	Con XIV	*	3		Water Supply Ltd	Oct.14,1960	5					4-60 T	soft silty clay 74; clay 92; hard clay 108; rock. Topsoil 2; gravel sand 4; blue clay 31; silty clay 35; silt 40;
	On Alv		,			000,14,1900	-						clay 41; silt clay 57; silt clay 74; clay 80; hard clay 117; clay
	Con XIV					0-+ 00 1060	_					T	gravel boulders 132; rock.
	Con AIV		,			Oct.27,1960	5						Fill 3; black muck 9; sand gravel 11; soft clay 21; silt fine sand 26; soft silty clay 44; clay silt 77; hard clay 124; clay
				_	_								boulders 133:rock.
	Con XIV	*	3	•	•	Nov. 1,1960	5					10 60	Black muck brown clay sand streaks 15; blue clay 38; soft silty clay 50; silt 78; silt streaks clay 90; clay 138; rock.
	Con XIV		4	PinewoodMotors	T. VanKessel	Feb.26,1961	2	7		25	Fresh	D, C	Sand 10; fine sand 25; medium sand 30. Water at 25.
	Con XIV	*	6	H. Johnston		Sep.20,1961	1	5	15	25 15	*	Ď	Sand 5; fine sand 15; medium sand 25. Water at 15.
w	Con XIV		6	D. Brunton H. Mueller	S. Linton L. Hodgson &Son	Apr.11,1962 Jul.11.1962		6		11		D	Open basement 3; sand 13; fine gravel 19. Water at 11. Fine sand 8; corre and 22. Water at 18.
16	Con XIV		8	H.A. Brown	S. Linton	Mar.30,1962	1	10. 6 6		24	•	כ	Fine sand 4; clay 7; fine send 31. Water at 24.
	Con XIV		18	R. Bullock H. MacDonald	R. VanKessel T. VanKessel	Sep.26,1960		4		14	:	DIS	Sand 5; fine sand 15; coarse sand 22. Water at 19.
	Con XIV		19	A. Schaffer	R. Hodgson	Aug.15,1961 Jun.21,1960		29 60		15		İn	Sand 15; fine sand 18; coarse sand 25. Water at 15. Topsoil 2: yellow sand 6; clay sand 10: sand 20. Water from 10
					-					1 '			to 20.
	Con XIV		24	F. Agostan	C. Strome	May 25,1963	1	2		8	•	D	Black sand 4; red sand 8; sand grovel 16. Water at 16.
,	woodhouse Twp.						1						
	BF	lot	1	P. Nowak	R. Hodgson	Apr.27,1962	8	10	130	40	Sulphur	D.S	Sand 10; clay sand 18; saupy sand 35; dirty sand 45; saupy sand
	200			V 0 33 0 4	_	V 10 10/0						-	170; limestone 180. Water at 180.
	BF	*	1	Norfolk County Park		May 10,1962	5	8	100	50	Fresh	P	Blue clay 35; souny clay 130; sand. Water at 130.
	BF		1	P. Nowak	T. VanKessel	Jun.11,1962		4	30	30 62		ם	Coarse sand fine sand 30. Water at 30.
	PF	*	1	B. Johnson	R. Hodgson	Sep. 7,1962	5	6	70	62		ם	Clay sand 5; clay 25; souny sand 120; clay 149; limestone 151.
	BF		2	A. Pruett	R. McKenzie	Jun. 6,1961	• 1	3		7		D	Dark sand 2; clay 7; gravel 9; sandy clay 10; grey fine sand
	BF		2	H. Greenfield	R. Hodgson	Jun. 8,1962	5	6		Flows	Sulphur	ם	21; clay 33. Water from 10 to 21. Old well 4; blue clay 63; limestone 72. Water at 72.
	BF	•	3	R. Bertrand	*	Sep.24,1960		5	10	35	Fresh	D	Old dug well 10; clay 50; soupy sand 121; grey sand 125. Water
	8 <b>P</b>	*	3	M. De Pew	T. VanKessel	Jun.10,1962	1	21	10	10		D	from 121 to 125. Topsoil 3; fine send 24. Water at 10.
	BF	*	3	E. Chechak	R. Hodgson	Aug. 2,1962		2 to	10	30	-	D	Sand 12; clay sand 90; clay 100; sand clay 125; clay 135; limestone
	BF		,	D. Whitehard		Aug 16 1063	4	21	25	50		D	143. Water at 143.
	PF	W	3	P. Whitehead L. Brown	R. McKenzie	Aug.15,1963 Jun.20,1961		3½ 4	75	50 16		D	Clay 46; soupy clay 91; clay 100; sand 101. Water at 101. Sand 19; clay 20; sand 23; clay. Water at 20.
	3P	*	5	Subdivision	J.R. Nauman	Jul.30,1963							Brown sand clay 12; white clay 38; fine grey sand light clay 66;
				Plan 157									grey hard clay perbles 109; brown limestone 135. Dry hole.
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	DRFOLK COUNTY												
7	Woodhouse Twi EF		t 5	Subdivision Plan 257	J.R. Nauman	Aug.16,1963	6 <del>1</del>			142	Fresh	N	Brown sand clay 10; white clay 42; fine grey sand clay 68; grey hard clay pebbles 113; brown limestone 157; flint 170. Water at 113.
	BF Con I Con I	H	í	J. Parker R. Sheppard D. Decoutre	E. Stewart R. Hodgson	Jun. 7,1962 Jun. 28,1963 Aug. 28,1962	5 5 5	7 5 6	90 30 35	28 29 27	*	D D D,S	Grey clay 96;grey limestone 103. Water at 103. Fill 6;gravel sand 34;coarse sand 41. Water from 34 to 41. Torsoil fill 4;sand 15;sand clay 21;sand gravel 30;sand 42.
	Con I		1	Wellswood	"	Feb.28,1963	.5	8	31	29	*	С	Water from 35 to 42. Topsoil 1; sand 17; sand gravel 33; sand 36; gravel 41. Water
	Con I Con I Con I Con II	# #	19		T. VanKessel E. Stewert R. Hodgson	May 3,1963 Jun.10,1961 Sep.25,1961 Mar.16,1962	1 7 5 4	5 5 10 6	5 20 67 30	5 20 67 30	Sulphur Fresh	D,S D,S D,S	from 33 to 41.  Tomsoil 5;fine sand 15. Weter at 5.  Surface clay 49;filnt 64. Water at 64.  Dark clay 39;filnt 110. Water at 110.  Tomsoil 1;vellow sand 15; xravel sand 28; clay sand gravel 31; sand 35; sand gravel 42. Water at 35.
	Con II		2	C. Booth	T.VanKessel	Sep.12,1962	1	15		23	**	D	Fine sand 14; hard sand 18; coarse sand 23; gravel 29. Water at
	Con II Con II		3 4	C. Wesseling J. Malo	R. Hodgson	Feb.27,1961 Mar. 3,1961	1 8	3 4	200	24 74	* Sulphur	D Ir	23. Sand 15; coarse sand 24; kravel 30. Water at 24. Tonsoil 2; yellow sand 14; sand gravel 30; gravel 85; somey sand 130; soft clev 140; clay 146; limestone 175; flint 325; brown
317	Con III Con III Con III Con III Con III Con III Con III	e e e e	11 11 18 23	A. Vanderschee W. Brown W. North E. Sorensen	I. Smelser R. McKenzie	Nov.29,1961 Jun.15,1960 Nov. 6,1962 Jun.14,1962 Jun.10,1961 May 25,1963	56 55 74	10 20 10 10 4 8	62 50 57 55 70 38	52 28 40 14 68 34	Fresh  #  Sulphur Fresh	D D,S S D,S Ir	limentone 350. Weter at 50, 150, 240, 310, 325. Brown blue clay 97;flint 105. Water at 102. Clay 50;flint 80. Water at 80. Grey clay 49;brown limestone 77. Water at 77. Hard yellow clay 44;flint 63. Water at 62. Sticky grey clay 48;grey flint rock 109. Water at 105. Open hole 6;grey sand 20;grey sand stones 34;grey clay 37; brown sand 54. Water at 37.
	Con III		3	R. Stickney	R. Hodgson	Mar.20,1961	5						Topsoil 2; yellow sand 5; gravel 28; sand 35; clay sand 48; soupy sand 60. Dry hole.
	Con III Con IV	*	1	W. Cookson Simcoe P.U.C.	International Water Supply Ltd.	Jun.14,1960 Sep.30,1960	5	6	30	30	Fresh	T 1-60	Fill 5;gravel 25;sand 45; coarse sand 53. Water from 45 to 53. Sand gravel 10;streaks blue clay 15; brown clay gravel blue clay 45; clay gravel streaks 47; clay 58; gravel 59; clay gravel 51; hard clay 84; rock.
	Con IV		1	"	п	Oct. 4,1960	5					T 2-60	Sand R; blue clay 40; harder clay 71; rock.
	Con IV	*	1		100	Oct. 6,1960	5					T 3-60	Sand 17; brown clay 19; blue clay 72; rock.
	Con IV	*	1	D.S.Kelly Const. Co. Ltd	T. VanKessel	Jul.10,1962	1	30	9	9	Fresh	P	Topsoil 3; coarse gravel 6; medium gravel 9; coarse sand 17.
	Con IV Con IV Con IV Con IV	*	13 16 18 8	A. Macdonald C. Trapp M. Kohl J. Cruise R. Sebring	R. Swayze E. Stewart R. Swayze	Oct.20,1962 Oct.10,1962 Aug. 4,1961 Jul.20,1963 Aug. 8,1961	6 7 6 6	20 1 20 20 2	55 60 44 66 78	52 27 44 66 19	Sulphur	S D	Cley 85;gravel 90. Water from 85 to 90. Cley 40;boulders 45;flint 65. Water at 60. Brown clay 35;flint 122. Water at 122. Yellow clay 20;blue clay 52;flint 100: Water at 93. Brown clay 40;stones 50;sendy clay 70;blue clay 113;limestone 120. Water at 118.
	Con V Con V Con V	*	17	I. Ferrier	E. Stewart R. Swayze I. Smelser	Aug.26,1961 Sep.19,1962 Oct.15,1963	5 6 7	10 6 5	70 34 50	70 32 26	Sulphur	D,S	Brown clay 42; grey brown hard limestone 125. Water at 125. Grey clay 48; filint 70. Water at 63. Brown clay 5; grey clay 2°; quicks and 40; grey limestone 50. Water at 45.
	Con VI	•	7	G. Barber	J.F. Wickett	Oct.25,1963	6	15	96	0	Fresh	D	Brown clay 16; blue clay 45; grey send gravel 55; blue clay 82; fine grey sand 95; blue clay 113; gfey limestone 124. Water at
	Con VI		7	K. Kruz	m	Nov. 1,1963	5	<\\$	115	30	**	Q	123. Brown clay 12; blue clay 45; blue clay pebbles 55; blue clay 86; grey limestone 115. Water at 94,

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION 1			OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	T.EVET.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Wood	LK COUNTY : house Twp. VI		nt.	J. Bodner S. Wiselan	R. Swayze E. Stewart	Nov.20,1962 Jun. 3,1961	6 8	20 30	45 350	39 20	Sulphur		Brown cley 44; flint 73. Water at 70. Sandy loam 30; cley gravel 70; cley 166; brown limestone 216; brown limestone shale 321; brown limestone shale gypsum 355. Water at 180. 190, 285; and 352.
Gor Gor		*	3 5	A. Cook V.B. Mathews	R. Hodgson R. McKenzie	Jul.25,1963 Nov.23,1962	2 4	30 9	33	10 30	Fresh	D D,Ir	Sand gravel 15; coerze send 21. Water from 15 to 21. Old well 30; brown sand 35; brown clay 36; coerse brown silty sand 42; coerse brown sand 53. Water at 30 and 42.
Gor	e	*	5		*	May 21,1963	4	9	33	31		Ir	Open well 7;grey clay 10; sand 36;grey clay 38; coarse brown sand 54. Water at 38.
Gor	e	•	5	I. Powell	R. Hodgson	Jun. 6,1963	5	5	30	29	*	D	Tonsoil 2; losm 6; grav-1 sand 28; silt sand 33; gravel 38; sand
Gor Gor		,	6	J. Herdy J. Earl	S. Linton R. Hodgson	Jul.20,1960 Aug.16,1963	1 4	9	31	32 30		D D	45. Water from 38 to 45. House basement 5; sand 32; gravel 40. Water at 32. Topsoil 2; yellow sand 24; gravel 34; coarse sand 42. Water from 34 to 42.
Gor	e		6	D. Sage	*	Nov.26,1963	4	6	34	33	•	D, C	Dug pit 7;gravel sand 30;sand 38;coa se sand 46. Water from 38 to 46.
Gor	ė		10	H. Stewart	T. VanKessel	Nov. 1,1962	1	10		20		D	Hard brown clay 15; blue clay 16; gravel 22; coarse sand 30.
Gor	e	**	10	G. Mottedshed		Jun.15,1963	1	4		31		D	Water at 23. Old well 6; brown clay 15; hardman coarse sand 18; hardman coarse
Gor	e	*	11	G. Perkins	R. Hodgson	Mar. 4,1961	5	5	45	45		D	sand 35. Water at 31. Clay 10;soft clay 40;sand 48;coarse sand 57. Water from 48
Gor Gor		,	11 11	W.4. Buck D. McKee	L.Hodgson & Son R. McKenzie	May 6, 1962 Jun.11,1962	2	6 5	54	25 43	:	D D	to 57. Red clay streaks slate 25; coarse sand 59. Water at 55. Brown clay 38; grey muck clay 43; coarse sand stones 60. Water at 43.
Gor Gor		,	11 11	K. Dalby W. Poiche	W. Burwell	Jul. 4,1962 May 11,1962		5 8	32 63	32 35	:	D D	Brown clay 38; coarse brown sand 48. Water at 38. Red clay 25; blue clay 33; fine sand 63. Water from 33; to
Gor	e		11	M. Pond	T. VanKessel	Sep.27,1962	1	25	19	19	*	D	63. Toosoil 4; herd brown clay 10; fine sand 15; coerse gravel 27. Water at 19.
Gor	e	*	16	Simcoe P.U.C.	Imternational	Aug.29,1962	12	31/2	15	1		T	Black muck 2; sand 33; blue clay 44.
Gor	e	*	16		Water Supply Ltd.	Sep. 4,1962	1.			6		3-62 T	Dirty sand 3; sandy clay gravel 5; sand 38; blue clay 44.
Gor	e	*	16	**	*	Sep. 5,1962	2			1	н	4-62 T	Black muck 2; sand 33; blue clay 34.
Gor	e		16			Sep.11,1962	2			1	*	5-62 T	Topsoil 1; clay dirty sand 4; sand 292; clay 32.
Gor	e	•	16	•		Sep.12,1962	2			1	*	6-62 T	Topsoil 2; dirty send clay 5; sand gravel 15; coarse sand 19;
Gor	e		16	•		Sep.13,1962	2			1		T	clay 24. Topsoil 2;dirty sand clay 4;sand 18;clay 21.
Gor	e		16	•	*	Sep.17,1962						8-62 T	Topsoil 2; dirty sand clay 4; silty clay gravel 7; soft silty
Gor	e		16		•	Sep.19,1962	2				Fresh	T	clay 102; sticky clay 111; clay gravel 114; rock 115. Toosoil 2; dirty sand 4; coarse sand 30; clay 33.
Gor	e		16	•	*	Sep.20,1962	2			9월		10-62 T	Gravel sand fill 1; dirty silty send clay 5; sand silt gravel
Gor	e		16		*	Sep.21,1962	2					T	11; fine coarse sand clay 25; clay 25. Topsoil 1; dirty sand 3; fine coarse sand clay 24; clay 27.
Gor	e		16	*	**	Sep.25,1962						12-62 T	Sand gravel fill 1; black muck 3; dirty sand gravel 5; soft
Gor			16	E. Piszzer	T. VanKessel	Sep.28,1962	1	2	18	15	Fresh	13-62 D	Silty clay 51.   Fine sand 15; coerse send 22. Water at 15.

	ORFOLK COUNTY .												
	Woodhouse Twp. Gore		16	Simcoe P.U.C.	International Water Supply Ltd.	Aug.24,1962	2			9	Fresh	T 1-62	Black muck 2; sand gravel blue clay 5; sand 31; blue clay 44.
	Gore		16	*	water Suppry Bit.	Aug.27,1962	2			10	•	T	Black muck 2; sand blue clay 4; sand 31; blue clay 32; sand
	Gore	п	16	19	**	Oct. 1,1962	2			4		2-62 T	Dirty sand clay 4; sand 25; sand gravel 26; silty sand clay
	Gore	*	16	**		Oct. 3,1962	2			3	*	13-62 T	Dirty sand clay 4; sand gravel 7; sand 30; sand fine gravel 38;
	Gore	11	16	*		Oct. 4,1962	2			2	*	T	sand 43;silty clay 48. Topsoil 1;dirty sand clay 4;dirty sand clay gravel 6;sand 32;
	Gore		16	*	и	Oct.10,1962	2					17-62 T 18-62	sand gravel 34; clay 37. Topsoil i; diery sand clay 5; sand gravel 24; sand 45; silty clay
	Gore		16	*	*	Oct.12,1962	4	67	12	3	*	T	Topsoil 1; dirty sand clay 4; send gravel 34; silt 35; send 42;
	Gor-	*	16		*	Oct.22,1962	2			37	**	19-62 T 20-62	Sandy loam 1; dirty sand 3; sand gravel 47; silty clay 50.
	Gore	**	16	86	я	Oct.25,1962	1			50		T	Sandy loam 1;dirty sand 2;clay 10;sand gravel boulder 70; sand gravel 76;fine sand clay 81;
	Gore	**	19	J. McCabe	R. Hodgins	Nov.28,1963	4	5	54	50	*	D,S	
	Gore	**	20	J. Kichler	•	Dec.16,1960	8	3	250	75	Sulphur	Ir	
319	Gore Gore Gore Gore	61 62 63	20 21 21 22	M. Wagner E. Mann W. Salsman J. Luke	S. Linton T. VanKessel S. Linton	Apr. 4,1963 Aug. 8,1961 May 15,1963 Nov. 7,1961	1 2 1 6	5 80 4 10	29 15	29 10 15 5	Fresh	D,C Ir D	shale 460. Water at 270 and 460. Old well 30; fine sand 362. Water at 33.
	XFORD COUNTY Beachville VIg			L. Oderico M. Holland J. Fairbanks S. Ellis M. Todd J. Lepier Y. Wybenga E.S.McLelland W. Todd C. Outhbert A. Gaeton J. Fulvio P. Nadalin O. Bott L. Muzzin J. Gasnaratto	K.McLeod & Sons  " " N. Steinman K. McLeod & Sons " J.P.Vos K. McLeod & Sons	Feb.22,1960 May 19,1960 Jun. 2,1960 Jun. 9,1960 Aug. 8,1960 Sep.17,1960 Oct. 6,1960 Oct.20,1960 Feb.13,1961 Apr.26,1961 Jun.28,1961 Jul. 21,1961 Jul. 21,1961 Jul. 20,1961 Aug. 2,1961	45 54 44 4 5445444 4 4	55 55 56 1 SSSSSSS	20 21 27 40 28 125 37 36 26 20 28 52 45 62 60	18 21 23 40 28 120 30 30 24 40 59 50	Fresh	ם ממממממם מ מם	Gravel 8; limestone 24. Water from 20 to 24.  Gravel stones 10; red sand 20; hardban 23; grey limestone 40.  Water from 35 to 40.  Stones gravel 15; red sand 28; grey limestone 45. Water at 44.  Dirty gravel 10; sand 17; hardban 21; grey limestone 50. Water at 49.  Stones gravel 27; grey limestone 42. Water from 40 to 42.  Hard brown clay 40; hardban stones 106; limestone 140. Water at 139.  Old well 7; sand 20; rook slabs 24; grey limestone 42. Water at 40.  Gravel 32; grey limestone 49. Water at 49.  Gravel 27; grey limestone 47. Water at 45.  Brown clay 10; gravel 32; limestone 50. Water at 50.  Gravel 25; limestone 45. Water at 45.  Conrece 12; limestone 45. Water at 45.  Conrece 12; limestone 45. Water at 45.  Clay sand 10; boulders clay sand 35; limestone 59; hard rock 68%. Water at 59.  Gravel stones 20; hardban stones 50; grey limestone 66. Water at 66.
	Beachville Vl	8 •		J. Gasparatto		Aug. 2,1961	4	4	38	37	**	D	Coarse gravel stones 14; herdman 22; limestone 37; hard black rock 47. Water at 37.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DEFORD COUNTY - cont. Beachville Vlg. cont. Beachville Vlg.	B. Lowes	K. McLeod & Sons	Sep. 8,1961	4	5	28	28	Fresh	מ	Gravel 10; sand gravel 22; hardpan 29; grey limestone 34. Water
Beachville Vlg.	J. Moggath	•	Dec.18,1961	4	5	115	110	•	D	at 34. Brown clay stones 40; blue clay 80; hardpan stones 100; limestone
Beachville Vlg.	F. Lowes	HadcoWell Digging	May 22,1962	30	5	22	18	*	D,S	135. Water at 135. Topsoil 1;brown clay 4;coarse sand gravel 6;coarse sand 7;fine gravel 9;hardpan 10;coarse gravel rocks 20;hardpan 21;gravel
Beachville Vlg.	B. Pearson	K. McLeod & Sons	Jul. 5,1962	4	2	49	29	*	D	22. Water at 18. Sand gravel 15; hardpan 30; gravel 34; grey limestone 52. Water at 30, and from 45 to 52.
Beachville Vlg. Beachville Vlg.	M. Zelindo J. Daneluzzi	:	Jul.10,1962 Jul.20,1962		4 5	30 38	30 29		D D	Hed sand 15;dirty gravel 24;limestone 42. Water at 42. Gravel stones 15;red sand 20;herdpan 24;grey limestone 42. Water at 42.
Beachville Vlg.	K. Mathers	Oxford Water Supply	Jul.30,1962	4	31/2	32	22	*	D,S	Clay gravel 37; sand 43; hardpen 462; grey limestone 50. Water at 49.
Beachville Vlg.	J. Crawford	K. McLeod & Sons	Jul.31,1962	4	5	46	39	•	D	Dirty gravel 15; red sand 21; hardpan 27; limestone 48. Water at 48.
Beachville Vlg.	E. Todd	#	Aug. 7,1962	4	5	30	25		D	Dirty gravel 12; red sand 20; hardpan 30; limestone 38. Water at 38.
Beachville Vlg. Beachville Vlg.	T. Gesparatto J. Binn	Oxford Water Supply	Aug.13,1962 Aug.15,1962	4	6 3 <del>1</del>	38 28	38 24	:	D D	Gravel stones 20; white limestone 50. Water at 50. Clay boulders 29; sand gravel 34; grey limestone 422. Water from 38 to 42.
Beachville VIg. Beachville VIg.	C. Mangnell A. LaPointe	K. McLeod & Sons	Aug.17,1962 Aug.18,1962		5 5	30 38	30 <b>3</b> 6		D D	Gravel stones 30; limestone 40. Water at 40. Dirty gravel stones 20; hardoan 38; grey limestone 48. Water at 48.
Beachville Vlg. Beachville Vlg.	L.H. O'Connor C. Cowell	*	Aug.30,1962 Sep.12,1962	4	5 5	17 44	14 41		Q G	Dirty gravel 19;grey limestone 33. Water at 33. Dirty gravel 20;hardoan 31;grey limestone 53. Water from 41 to 51.
Beachville Vlg.	J. Wybenga	National Pump & Water Supply	Nov.10,1962	4	5	57	40		D	Gement cistern 8;dry gravel 12;brown clay 27;limestone 61.
Beachville Vlg.	Domtar Chemicals Ltd	E. Stewart	Mar. 4,1963	5						Clay 13. Dry hole.
Beachville Vlg. Beachville Vlg. Beachville Vlg.	P. Spalador F. Cardin H. Frey	K, McLeod & Sons	Apr. 1,1963 Apr.11,1963 Jun. 3,1963	4	666	20 38 10	14 34 7	Fresh	D D D	Black dirt 4; red sand 16; limestone 31. Water at 31. Black loam 5; sand gravel stones 28; limestone 45. Water at 45. Red sand 19; limestone 25. Water at 25.
Benchwille Vlg.	Commodore Motel	National Pump & Water Suoply	Jul. 8,1963	4	10	25	19	•	ס	Old well cement tiled 20; grev stony olay 32; broken shale 37; grev limestone 44. Water at 44.
Blandford Twp. Con I lot 2	G.Kleinschroth	J. Stefan	Jun.20,1960	4	5	38	37	Fresh	D	Old dug well 33;soft clay 48;dirty fine sand 84;hard gravelly clay 112;dirty gravel 117;hard clay 119;grey limestone 120.
Con I 7	R. Robinson	E. Stewart	Sep. 6,1961	5	10	50	27	Sulphur	s	Water at 120. Sandy loam 5;black muck 25;blue clay gravel 85;quicksend 107; herd clay 113;grey white limestone 128;black herd Niagara
Con I . ?	F. Sidon	N. Steinman	Jul. 1,1960	5	9	12	11	Fresh	D,S	142. Water at 138. Old dug well 11; brown clay 22; sand 25; gravel 27. Water from
Con I * 2	K. McOnkie	A. McLeod & Sons	Aug.26,1961	4	5	60	60	· ·	D	25 to 27. Brown clay 8; sand 80; sand clay 120; hardoan 123; shale 126; grey
Con I 7 2	A.H. McCurdy	N. Steinman	Oct. 3,1961	4	12	65	58	;#E	D	rock 128. Water at 127. Previously drilled 109; send 123; b own limestone 127. Water
Con I * 2	J.V. Starek	J. Stefan	Sep. 9,1963	4	5	60	58	•	D	from 125 to 127. Hard clay 12; soft sandy clay 60; silty sand 100; dirty sand gravel 110; clan fine gravel 117. Water at 110.

XFORD (													
Con I	ord Tw	p. lot	cont 15	J. Hughs	C.& H. Kerr	Apr.28,1961	5	13	35	15	Fresh	Œ	Stony clay 18; boulder clay 60; brown clay 95; stony clay 98; grey limestone 112. Water at 110.
Con II	Ţ.	•	2	W. Belaski	B. Haskell	Oct. 4,1960	5₺	6	65	43		D	Red clay 19; blue clay 87; hordban 94; send grevel 96. Water at 96.
Con II	ī	×	4	M. Illes	J. Stefan	Oct.22,1963	4	10	70	64		D,S	Soft sendy cley 85; fine send 130; hard stony clay 142; rock 145. Water at 144.
Con II	τ	*	5	A. DeRuddy	HadcoWell Digging	Jul.13,1963	29	2	44	13	•	כ	Tonsoil 6; brown send 13; blue cley 21; blue send 26; blue clay 32; grevel send 34; blue cley 42; blue sendy cley 45. Water at 13, 21, 32, and 42.
Con II	t	*	8	Ont.Dept. of	King City Well Drilling Co. Ltd.	Feb.25,1960	4	12	105	40		P	Topsoil 3; blue clay stones 22; vellow clay 35; sand stones 93; blue fine sand 114. Water at 93.
Con II	Ţ	•	9	E. Pearson	K. McLeod & Sons	Dec. 4,1962	4	9	24	20	m.	ם	Sand 15; blue clay 58; send dirty gravel 71; limestone 104.
Con II			11 13	G. Aspden H. Chattington	N. Steinman J.P. Vos	Jan.14,1960 May 10,1961	4 5	8	49 20	40 12		D,S	Previously drilled 70; provel 79; limestone 91. Water at 90. Clay boulders 30; sand 47; hardoon 65; sand gravel 67; limestone 68. Water at 46 and 69.
Con II	τ	*	15	Woodstock PUC	International Water Supply Ltd.	Sep.24,1963				14		T 2-63	Surface loam 1;brown clay arrows 22;backed dirty gravel clay 36;cemented sand gravel 40;send gr wel clay 58;sandy blue clay gravel 82;dirty sand gravel 84;cemented clay gravel
Con I	[	**	15	,,	,	Sep.30,1963						т	streaks clay 99; dirty sand gravel clay 103; limestone 105. Clay sand gravel 15; clay 17; packed hard dirty gravel clay
Con II	II	m	1	C. T.Millar	J. Stefan	Oct.25,1963	4	5	50	40		S S	send 58; firm blue clar gravel 89; limestone 91. Water at 17. Soft sandy clay 52; silty sand clay streaks 105; hard stony clay 115; shale 116. Water at 115.
Con I	II	*	6	S. Figon	G. Warren	Jul.27,1962	5	6	85	50	**	D,S	Sand 5; yellow clay 16; gravel 32; clay 33; dirty fine sand 44; clay stones 69; putty sand 78; sand 79; clay sand 87; coarse sand
Con I	II	*	14	S. <sup>T</sup> .Werhema	J.P. Vos	Jun.23,1961	4	7	21	35		D,S	95. Water from R? to 95. Old dug well grevel 40; clay sand 50; sand boulders 58; clay sand 70; harapan 72; sand 76; harapan gravel 78; sand coarse gravel 79%. Water at 54 and 79.
ConvII	Î.	н	10	A. Ciszkwski	E. Stewort	Apr. 6,1963	5	8	23	16	*	In	Sandy loam 20; clay gravel 45; clay 52; solid rock brown limestone 65. Water at 65.
Con V	Ī	"	7	G. Piggott	Steinman & Baird	Nov.12,1962	4	12	50	30		D,S	Sandy loam 16;gritty brown clay 32;hardman 38;gritty clay 48; soft brown limestone 65. Water at 65.
Con V	III	10	2	L. Kornaker	"	Nov.27,1963	5	15	37	31	*	D,S	Sand stones clay 39;grovel 45;clay 62;sand 68. Water from 62 to 68.
Con V	III	**	7	S. Gillespie	N. Steinman	Mar. 9,1961	4	12	50	33		D,S	Previously drilled 42; hardman stones 58; grey clay 73; grey shale 74; grey limestone 78. Water from 76 to 77.
Con V		11	7	E.A. Carter	J. Moore	Mar. 7,1962	30	2	20	10	99	D	Clay 20; coerse sand 26. Water at 20.
Con II			7 2	G. Carter	Steinman & Baird	Jun.14,1963 Jun.18,1962	30	3	12 80	6 37		D	Topsoil 2; clay 18; clay sand 20. Water at 18. Fill 2; gritty brown clay 9; stony hardpan 18; grev clay 89; grey
Con X	L	,	2	N. Brown	Steinman & Daird	Jun.10,1902	)	9	50	37			hordown 114; grey clay 137; fine sandy gravel 140. Water from 137 to 140.
Con X	I	10	4	J. Foreman	N. Steinman	Jun. 6,1961	4	8	23	Flows		D,S	Topsoil 3; sandy gravelly clay 16; grey clay 61; dirty gravel hardoen 87; soft lue limestone 110. Water from 100 to 110.
Con X	III	*	1	H. Hastings	Stein-an & Baird	May 28,1962	4	12	55	45		D,S	
Con X	TTT	88	3	J. Henderson	B. Haskell	Nov.14.1960	41	5	68	36		D	Blue clay 73; hardon 141; limestone 165. Water at 165.
Con X		**	5	A. McCormik	N. Steinman	Mar.31,1961		15	30	12		D,S	Grey clay 16; boulders herdman 27; blue clay 39; stony hardman
			-										80; clay rock slabs 96; brown limestone 91; soft blue rock 95; brown limestone 110; blue rock 123. Water from 109 to 123.
		-	1,	2, Footnotes giv	ing the meanings of	location abbre	viation	ns and	of symb	ools de	signating	uses	of wells may be found at the end of Appendix C.

LOCATI	ION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
XFORD COUNTY Blenheim Twp.											
Con I	lot 2	A. VanDeWalle	J. Stefan	Oct.10,1961	4	5	60	30	Sulphur	D,S	Yellow sand 32; silty gravel 52; hard stony clay 95; shale 115; grey rock 120. Water at 120.
Con I	• 3	H. Bond	н	Nov.13,1962	4	10	35	30	Fresh	D	Gravelly clay 5;soft silty sand 27;hard packed sand 50;soft fine sand 74;hard gravelly clay 108;grey rock 109. Water at 109.
Con I	<b>•</b> 6	K. Dinsmore	L.C. Shantz	Mar.18,1960	5	5	45	25 32		ם	Clay 20; silty sand 55; sharp sand 65. Water from 55 to 65.
Con I Con I	" 8 " 11	W. Riley W.H.Williamson	J. Stefan	Sep.16,1963 Jul.24,1963	30	5 5 5	35 20	32 17		D	Hard clay 12; soft clay 48; hard gravel 56. Water at 53. Brown clay stone 16; hardoan 20; coarse sand 27. Water at 20.
Con I	* 12	J. Peeters	J. Stefan	May 12,1961	4	5	48	20		D	Stony clay 20; soft blue clay 31; dirty gravel 34; dirty sand
Con I	<b>"</b> 12	F. Cowan	M	May 2,1962	5	5	32	18		С	63;ston clay 70; fine grovel 72. Water at 70.  13 y stones 16; blue clay 25; dirty fine gravel 68; blue clay 89; fine gravel 91. Water at 89.
Con I	<b>"</b> 12	C. Milton	•	May 9,1962	4	5	30	15	•	D	Dum well 4;gravelly clay 18;soft blue clay 43; coarse gravel 44. Water at 43.
Con I	<b>"</b> 12	W. DeKoning		Aug.13,1963	4	5	21	14	•	D	Hard stony clay 38; soft sendy clay 90; hard clay 92; fine gravel 94. Water at 92.
Con I	* 12	F. Scott	L.C. Shantz	Sep. 6,196?	5	8	45	31	**	D	Sandy clay 80; coarse sand 83. Water from 80 to 83.
Con I Con I	* 12 * 13	J. Church G. Carson	J. Stefan	Sep.18,1963 Aug. 4,1960	4	5 5 8	25	24 21		D	Hard stony clay 62; fine gravel 64. Water at 62. Soft brown clay 41; fine gravel 42. Water at 41.
Con I	• 13	H.J. Davis	S. G111	Aug.29,1960	6	8	65	50	*	D	Grev clay 15; sandy clay 65; gravel 70; silt 135; coarse sand 136, Weter at 135.
Con I	• 13	G. Slemmon	J. Stefan	Aug.30,1960	4	5	16	15	*	D	Soft sand clay 16; hard stones clay 31; fine gravel 32. Water at 31.
Con I	* 13	W. Thompson		Oct. 6,1960	4	5	25	24		D	Stony clay 27; dirty gravel 31; fine clean gravel 32. Water at 31.
Con I Con I	" 13 " 13	L. Spicer H. Bailey		Oct. 7,1960 Oct.10,1960	4 4	5 5	26 19	17 18	*	ם	Gravelly clay 36; fine clean gravel 37. Water at 36. Old drg well 21; hard clay 29; fine clean gravel 30. Water at 29.
Con I	• 13	F. Miller	•	Oct.13,1960	4	5	34	14	*	D	Hard gravelly clay 26; soft sandy clay 40; hard clay 45; fine clay gravel 46. Water at 45.
Con I	* 13	C. Ficzere	-	Nov.10,1960	4	8	35	20		D	Coerse dirty gravel 18; fine yellow sand 33; hard silty sand 60; hard gravelly clay 65; fine gravel 66. Water at 65.
Con I Con I	" 13 " 13	P. Kipp S. Horvath		Sep.16,1961 Sep.29,1961	4	10 5	24 21	19 20	M M	D D	Hard gravelly clay 72; fine gravel 73; Water at 72. Hard yellow clay 8; soft sandy clay 12; hard gravelly clay 30;
Con I	* 13	B. Field		Jul.18,1963	4	3	40	20		D	coarse gravel 31. Water at 30. Soft silty clay 24; hard stony clay 51; fine gravel 52. Water
Con I	<b>"</b> 13	TOTAL SECTION AND ADDRESS OF THE PERSON AND		Jul.23,1963	4	5	36	20		D	at 51. Soft silty clay 18;hard silty gravel 28;stony clay 77;fine
Con I	100.00	A. Durham			4			28		ם	gravel 78. Water at 77.
Con 1	" 13	A. Durnam	***	Aug. 1,1963	4	5	38	20		, D	Soft silty send 18; herd stony clay 74; fine silty sand 85; hard stony clay 115; fine silty send 134; blue clay 155; grey
Con I	" 13	G. Matheson		Nov. 5,1963	4	5	34	20		۵	rock 157. Water at 156. Hard stony clay 38;soft silty send 63;hard stony clay 117;
Con I	<b>"</b> 13	J. Tedley		Nov. 6,1963	4	5	22	15	•	D	black rock 119. Water at 118. Old dug well 20; hard stony clay 34; fine gravel 35. Water at
Con I	14	K. Bell	W. Burwell	Oct.29,1962	5	4	80	25		D	Sand 6; clay 8; sand 33; putty sand 83; gravel 90; clay 100,
Con I	* 15		N. Steinman	Mar.29,1960	łş.	12	18	6		P	scapstone 110; limestone 112. Water at 112. Brown clay 23; blue clay 37; gravelly clay 59; clay 78; fine
Con I	<b>"</b> 15	Woodstock J. Collie	J. Stefan	Jul.31,1962	4	5	36	18	N	ם	sand 79; cley 126; gravel 134. Water at 134. Soft yellow sand 42; hard backed gravel 80; hard stony clay 115; fine gravel 118. Water at 115.

0	<b>XF</b> ORI	COUNTY .	- con	t.										
	Blen! Con	neim Twp. II	-con lot		H. Cracknell	J. Stefen	Aug. 3,1962	4	5	50	40	Fresh	D,S	stony clay 95; blue clay 124; dirty gravel 132; soft blue clay
	Con	II	*	11	R. Govier	•	May 28,1962	4	15	30	24	•	D,S	136;grey shale 137. Water at 137. Soft clay 54;silty sand grevel 72;hard sandy clay 88;hard gravelly clay 105;soft silty sand 122;soft blue clay 149;dark blue shale 150. Water at 150.
	Con	II		13	W. Crosby	•	Oct.19,1961	4	10	21	20		D,S	Coarse gravel 8; clay gravel 20; soft butty sand 52; soft clay 53; medium gravel 54. Water at 53.
	Con	II		17	L. Milton		Aug.23,1961	4	10	45	42	*	D,S	Soft yellow clay 22; hard clay gravel 82; soft clay stones 90; fine gravel 91. Water at 90.
	Con	11		23	L. Gunter		Jun.26,1961	4	10	17	14	•	D	Dug well 10; soft sandy clay 18; hard stony clay 32; soft yellow clay 45; medium sand 49; coarse sand 59; medium gravel 60. Water at 45.
	Con	III	•	4	R. Green	C. Shantz	Dec.29,1961	5	12	111	71	•	D,S	
	Con	III	٠	7	H. Stuart	J. Stefan	Jun. 7,1962	4	4	90	42	*	D,S	
	Con	III	*	14	A. Watters		Apr.25,1962	4	5	45	32		D,S	
	10,00,000	III	•	14	L. Gurney		Oot.11,1963	4	10	50	37		D,S	Hard clay 6;soft silty sand 15;hard clay 20;soft silty sand 50;sandy clay 70;dirty gravel 75;hard clay 113;fine sand 133; hard stony clay 164;grey rock 165. Water at 165.
22	Con			9	W. Mackie M. Scott	J. Moore	Dec.13,1963 Nov. 5,1962	30 30	10 2 2 2	22	13		s	Sand 7; coarse gravel 24. Water at 17. Topsoil 1; fine sand 28. Water at 20.
	Con	▼		15	C. Kelbfleison		Nov.21,1962	30	2	33	30		D	Topsoil 1: fine sand 39. Water at 30.
	Con			16	L. Baskett S. Hess	Steinman & Beird	Mar.17,1962 Mar.22,1962	30	12	22 25 35 30 40	25 35		D,S	Topsoil 2; blue clay 46; coarse gravel 48. Water at 46. Red clay 45; sandy clay 65; blue clay 90; gravel 95; grey clay
	Con			12	H, Massek	J. Moore	Nov.25,1961	30	3 5	60	50		ם	160; coarse sand 163. Water from 160 to 163.  Brown clay 4; blue clay 66; coarse gravel 68. Water at 66.
	Con		•	12	L. Peterson	J. Stefan	Sep. 14, 1962	4		115	100		D	Hard clay sand streaks 60; hard clay 162; fine sand 180; blue clay 184; fine gravel 185, Water at 184.
	Con			12	R. Herns	J. Moore	Sep.11,1963 Jun. 9,1962	30 30	3	60	50		D	Brown clay 3; blue clay 70; sand 74. Water at 70. Sand 5; coarse sand 12; clay 25. Water at 25.
	Con			13	F. Hanna		Jun. 12, 1962	30	6	12 30 40	27		D	Clay 55; gravel 57. Water from 55 to 57.
	Con			13	R.W. Rumble R. Wilkins	Shaluman & Balad	Dec.18,1963	30	5	40 50	35	:	D_	Brown clay 35; blue clay 52; sand 54. Water at 52.  Sand red clay 53; sand 86; grey clay sendy streaks 178; soft
	Con	*1	(4.5)	21	M. WIIKINS	Steinman & Baird	Oct. 1,1962	•	12	-	40		D,S	grey clay 218; brown limestone 224. Water at 224.
		VII			J.A. Taylor	J. Moore	Nov.21,1961	30	2	35	30	:	D	Brown clay 15; sand 42%. Water at 30.
		AII		12 13	F. Hembly Drumbo P.O.	Hadoo WellDigging	Nay 12,1963	30 30	10	35 25 47	25 42		P	Brown clay 30; coarse sand 35; coarse gravel 40. Water at 35. Topsoil 1; brown sandy clay 9; grey clay 42; gravel 42; blue
	Con	AII	•	15	G. Cainos	N. Steinman	Dec.20,1961	4	12	123	115	×	D,S	sendy clay 48. Water at 42. Red clay 35; sand 165; blue clay 220; gritty clay 235; hardpan
	Con	VII		17	G. Skillings	J. Moore	Dec.31,1963	30	1 3	40	32		8	265; limestone 267. Water at 267. Coarse sand 32; fine sand 48. Water at 32.
	Con	VII		23			Nov.15,1961 Nov.28,1961	30	5	39 52	36		D	Brown clay 15; blue clay 40; fine gravel 43. Water at 40.
		VIII		3	D.L. Robson P. Livingston	Steinman & Baird	Nov.28,1961 Aug.28,1962	50	3 3 2 11	52 52	32 36 45 45	,	B D	Brown clay 45; coarse sand 58, Water at 45. Sand stones 12; sand 52; grey clay 108; dirty sand gravel 132;
				•			,.,.,.	og.	-	,-			-	soft clay 160;gravel clay 166;hardban 169;brown limestone 172. Water at 172.
	Con	VIII		7	C. Rasmey	C. Shants	Apr. 6,1963	7	10	65	50	*	D,S	
				-										

<sup>1,3,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	TEVET	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	KFORD COUNTY - Blenheim Twp. Con VIII		it.	C. Crawley	L.C. Shantz	Mar.11.1960	5	12	13	Flows	Fresh	D	Clay boulders 9; silty sandy clay 102; boulders 104; clay gravel
	Con VIII		9	R. Brooks	#	Oct.12,1962	5	14	1)	r 10WS	# Tesn	Ir	120; blue shale 132. Water from 120 to 132. Topsoil 1; clay 60; gravel clay 61; clay 98; gravel clay 100; clay
	Con VIII Con X	:	12 4	F. Rose Ont.Dept.of Highways	HadcoWell Digging C.E. Snider	Nov.29,1960 Feb. 9,1962	30 5	12 30	15	7 117	:	D P	136; gravel clay 138; blue shale 141. Water from 138 to 141. Topsoil 1; brown clay 6; gravel 10; sand 20. Water at 6 and 12. Topsoil 2; yellowish sand clay stones 13; hardoan 2C; blue clay 64; silt 135; blue clay stones 165; silt stones 194; medium sand
	Con X		4	•		Mar.19,1962	5	40	95	75	-	P	gravel 245; layers blue clay sand 247. Water at 194 and 245. Topsoil 2; gravel 18; blue clay 40; silt sand 88; silt stones 145; hardpan 152; silt 157; hardpan 200; silt clay 247; limestone 250. Water at 248.
	Con X		4	*	C.& H. Kerr	Aug.22,1962	4	15	125	105	Mineral	D,S	Clay 40; sandy clay 120; clay boulders 128; sandy clay 178; hardpan 206; shale 218; blue limestone 242. Water from 240 to 242.
	Con X	•	19	N. King	Steinman & Baird	Mar. 9,1962	4	25	0	Flows	Fresh	D,S	
	Con X	*	24	R. Shurman	HadcoWell Digging	Aug.21,1961	30	4	29	22		D	Tousoil 1; sand 3; brown clay 4; sand 22; fine gravel 29. Water from 22 to 29.
	Con X Con X	*	24 24	C. Hewitt H. Hagelstien	Steinman & Baird	Jan. 8,1963 Feb.14,1963	5 4	12 9	53 75	33 59		D,S	Clay sand 84; fine sand 93. Water from 89 to 93. Sandy clay 6; fine sand 92; hardban 117; fine sand 123; gritty hardban 146; grey blue clay 187; broken shale 192; blue grey
324	bn XI		1	W.D. Baird		Sep.14,1963	7	20	55	33		D	limestone 196. Water from 194 to 196. Stony clay 43;soft grey clay 65;sand 78. Water from 65 to
	Con XI		17	G. Thompson	L.C. Shantz	Oct.20,1963	7	8	50	8		D,S	01d dug well 27; clay gravel 98; sand gravel 92. Water from
	Con XI	•	23	T. Hewitt	Steinman & Baird	Aug.31,1962	4	15	65	35	•	D,S	88 to 92. Sandy loam 9; quicksand 29; gritty clay 30; quicksand 46; gritty clay 89; hardon gravel 106; grivty clay 151; dark blue shale
	Con XII	*	23	J. Stewart	•	Feb.16,1962	4	12	60	35	•	D,S	163; soft blue limestone 181. Water at 181. Sand 28; brown clay 35; herdoen 85; blue clay 90; gritty clay 108; hardoen 156; shale layers brown limestone 189. Water from 186 to 188.
	⊙n XII	•	23	M. Stewart	*	Jul.18,1962	4	10	42	16	*	D,S	Stones gravel 8;gritty clay 57;hardpan sand 144;blue shale 167;hardpan 183;grey soft limestone 196;sand 188;dark blue limestone 190. Water at 190.
	Con XII	*	24	W. MacDonald	*	May 27,1963	4	15	55	38	*	D,S	Brown sand 46;grey sand 70;grey clay 96;sandy gravel 120;
	Con XIII	•	17	Blenheim School Ares	N. Steinman	Aug. 5,1961	7	50	17	Flows	•	P	clsy haripan 137%; soft blue lirestone 148. Weter at 146. Fill 3; fine silty send 21; blue clay 70; grey clsy 85; hardban 128; brown clay 140; gritty hardban 152; blue clay shale 186; blue limestone 193; brown limestone 195. Water from 190 to 195.
	Con XIII		17	Dr.H. Lucan	*	Aug.19,1961	4	14	19	Flows	•	D	Brown clay 18;grey clay 55;gritty grey clay 80;hardoan 150; gravel 167;blue clay 179;blue shale 188;blue limestone 189; brown limestone 190, Water at 188 and 190.
	⊙n XIII		17	D. Lamont	•	Jul. 4,1963	5	10	20		•	D	Sandy brown clay 47; fine muddy sand 48; red sandy clay 53; coarse gravel fine muddy sand 55; gravelly hardpan 75; hardpan 106; gritty hardpan 123; coarse gravel 125. Water at 125.
	Con XIII	H	21	D. Stauffer	*	Nov. 8,1961	4	12	50	40		D,S	Red clay 23; blue clay 38; grey blue clay 70; blue clay 90; sand 94; gritty hardnen 100; blue clay 148; brown limestone 149;
	Con XIV	*	17	E. Rush	Steinman & Baird	Aug. 2,1962	4	10	50	38	*	D,S	Sand 30; sandy clay 36; gritty clay 67; soft laue clay 187; quicksand 195; sand 202; hardban 208; sand limestone 210; cemented gravel 212; dark grey limestone 216. Water at 216.

	FORD COUNTY												
В	lenheim Twp.			M D D4		W 40 40/0		ا م ا	c- 1	20		ا م م ا	
	Con XIV	10	22	M.H. Diamond	Steinman & Baird	mar.18,1963	5	8	65	30	Fresh	D,S	Clay stones 22;gravelly hardban 40;coarse sand gravel 55;sand 79;sand gravel 88;stony hardban 122;brown limestone 155.
	_			and the same									Water at 155.
	Con XVII	**	11	V. Kean	*	Sep.13,1963	4	15	43	35	*	D	Sand 12; stony clay 29; shale 31; grey limestone 39; brown
													limestone 50. Water at 50.
	ereham Twp. Con I	1	t 1	Canada	International	Par. 7,1960	4	202	61	261	Fresh	In	Topsoil 1; trown clay stones 8; blue clay sand 25; clay hardnan
	9011 I	10		Dairies Corp.	Water Supply Ltd	a1. /,1900	7	202	01	والرو	rresn	111	113; sand gravel clay 122; clay hardban 130; sand gravel 143;
	O T				0 19		_	_					clay hardban 158. Water at 130.
	Con I		10 14		G. Warren E.B. Mussey	Jan.16,1961 Jun.22,1963	5	5	120 74	60 52		D,S	Gravel 103; clay stones 108; gravel 214. Water at 214. Yellow clay 15; blue clay 28; hardman 90; gravel 92. Water
					2.55				,				from 90 to 92.
	Con I	**	15	F. Wilson	*	Dec. 7,1961	4	5	100	60	"	D,S	
													95;gravelly hardman 105;fine sand 120;hard sandstone sand boulders 145;gravelly hardman 165. Water from 145 to 165.
	Con I	*	13	S. Wilson	•	Sep.21,1961	4	4	68	31		D	Sandy clay stones 65; gravelly hardpen 90; gravel sand 90;
	Con I		20	H. Verhoeven	E. Stewert	Nov.19,1962	5	10	70	60		D.S	gravelly hardban 93. Water from 91 to 93. Loam sand 20; yellow clay 75; clay gravel 155; sand gravel 160.
	SON I		20	it. Veltioeven	L. Diewart	1104.19,1902	-	-	70			D,3	Water at 160.
	Con I		22	W. Wilson	K. McLeod & Sons	May 8, 1961	5 2	6	90	85 42		D,S	Blue clay 70; sand 100; hardban 120; gravel 122. Water at 120.
	Con I	-	22	T. Vander- Velden	E.B. Hussey	Feb. 8,1962	4	8	50	42		D,S	Sandy yellow clay 18; grevelly sandstone 40; coarse sand s-all stones 60; yellow clay hard streaks 73; sandstone coarse sand
w													85. Water from 80 to 85.
325	Con II	•	3	L. Coventry &	199	Aug.27,1962	4	6	35	3		D,S	
				Son									75; small stones sand gravel stones 87; gravel streaks clay 88. Water from 82 to 87.
	Con II		4	P.VanRyswyk		Jul. 4,1962	4	6	55	55	*	D,S	Old dug well 47; sand small stones streaks hardpan 75. Water
	Con II	*		J. Lasrz	K. McLeod & Sons	Aug. 4,1961	4	5	90	65		D.S	from 65 to 75. Blue clay 45; sand gravel 120; hardpan stones 220; sand gravel
					a. nozeou a bons	Aug. 4,1901	~			05		D,0	236; grey limestone 238. Water at 235.
	Con II		15 16	P. Ranney	# E.D. T	Jul.20,1960	5	6	57 35	50 21		D	Blue clay 85;gravel 87. Water at 85.
	Con II		16	A.J. Wilson	E.B. Hussey	Jul. 7,1962	4	5	35	21		D,S	Dark loam 2; clay stones 14; hardoen gravel 20; clay 30; quicksand 60; gravel small stones sand clay 65; coarse sand
													gravel 70. Water from 65 to 70.
	Con II		17	E. Harris	•	Nov. 1,1961	4	5	75	25		D,S	
													muddy quicksand 82; sand gravel 92; hardban 139. Water from 139 to 139.
	Con II		22	H. Allison	K. McLeod & Sons	May 12,1961	5 ½	6	40	35 40	*	D,S	Blue clay 60; hardoan 70; gravel 71. Water at 70.
	Con II	*	25	W. Johnson	National Pump & Water Supply	Jul. 5,1962	4	6	48	40		D	Brown clay 30; yellow clay stones 90; grey gravelly clay 90; clay silt streaks 123; fine silt 135; clay silt 150; fine sand
					water Suppry								171; gravel 173. Water from 121 to 171.
	Con II	-	25	R. Parker	K. McLeod & Sons	Nov.29,1960	4	5	35	30		D,S	
	Con II		27	Dr.W.J.Walker	National Pump &	Sep.23,1962	4	6	68	63		s	hardpan 164; limestone 170. Water at 170. Old dug well 53; blue clay 73; grey clay stones 92; grey clay
			~ !		Water Supply	- op(1),1)02	-		•	ری		-	sand boulders 118; silty clay boulders 180; gravel 183. Water
	Con III		6	W. Christo	C W	B-1 15 1061			25	20		2.0	from 120 to 180.
	Con III		7	G. Wall	G. Warren	Feb.15,1961 Jul. 9,1962	5 5 4	5 5 5	25 45	20		D,S	Yellow sand 13;gravel 49;gravel 54. Water at 54. Yellow clay boulders 21;grey clay stones 85. Water at 85.
	Con III		7	G.& G.Baxter	E.B. Hussey	Sep. 3,1962	4	5	32	17		D,S	Old well 24; sand small stones 40; cemented sand gravel 72;
													boulders 75; clay quicksand 85; coarse sand gravel 93. Water from 75 to 93.
	Con III		9	J. Pearson		Jan. 1,1962	4	9	45	16		D,S	
									-				fine grey sand 65; sandy clay 68; gravelly hardpan 86. Water
_			1	2 Footnotes air	ing the meanings of	location abbas	viatio	ne and	of care	101e do	eigneties	11000	from 83 to 86. of wells may be found at the end of Appendix C.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL		KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
De	ORD COUNTY - creham Twp	con	t.	M. Long	W. Dale	Jul.16,1960	5	20	66	63	Fresh	D,S	Brown clay 15; blue clay 49; gravel clay 81; blue clay 102;
					K. McLeod & Sons			,	4.0			D.S	grevel blay 167; grevel limestone 184. Water at 183. Blue clay 45; gravel 47. Water at 45.
	on III on III	*	14 20	A. Hanson H. Ellery	E. Stewart	Jul.13,1960 Oct.30,1963		5 15	17 85	12	W	D,C	Clay gravel mixture 82; quicksand 120; coarse send 125. Water from 15 to 125.
	on IV on IV	*	6 16	W. Boyd J. Bell	Cole Water Wells Warren WaterWells	Oct. 3,1963 Nov.20,1963	5	7 12	30 55	20 30	11	D,S	Clay loam 10; dirty gravel 57; gravel 61. Water from 57 to 61. Yellow clay 35; sand 41; pit gravel 74; sand 79. Water from 74 to 79.
(	on IV	*	20	R. Moulton	G. Warren	Dec.14,1960	5	5	50	36	н	D,S	Yellow clay stones 18; soft clay sand 40; clay stones 91; clay stones sand 118; fine gravel 120; gravel 121. Water from 120 to
	On IV On V		28 7	C. Boyse V. Franklin	K. McLeod & Sons G. Warren	Jun. 1,1961 Apr.18,1962	5½ 5	6 7	28	25 50	* Sulphur	D,S D,S	121.  Blue clay 70; sand 130; herdnan 150; gravel 152. Water at 150. Clay loam 3; clay boulders 20; white sand clay 28; putty sand clay 30; grave clay 33; dirty gravel 125; clay 158; gravel. Water at 158.
	on V	**	11	H. Tindele	W.E. Locker	Oct. 1,1960	4	2₺	35	22	Fresh	D	Old well 15; yellow sand 65; sand gravel 72; clay 74; gravel 76;
	on V		11	Vlg.Mt.Elgin	E. Hoover & Sons	Aug.19,1963	8	32	45	32		P	sand gravel 80; medium gravel 85. Water from 80 to 85. Topsoil 3; clay stones 40; gravel sand 70; sand 138; blue clay
,	on V	W	12	C. Prouse	G. Warren	Jun.29,1962	5	5	95	22	H	D,S	144;fine gravel 146;send gravel 155. Water from 144 to 155. Clay stones 25;putty sand 58;grey clay stones 80;dirty gravel 89;putty sand 112;hard clay stones 130;yellow sand 134;fine
. 1	on V		21	L. Axford	K. McLeod & Sons	Jul.25,1960	43	6	26	15		D	grevel 137. Water from 134 to 137. Brown clay stones 45;grevel 47. Water at 45.
	on V		25		G. Warren	Nov.30,1960		6 4 <del>1</del>	51	15 25		D,S	Clay stones 20; butty sand 30; clay gravel 75; fine gravel 82. Water from 79 to 82.
	on VI	**	2	J. Stutzman	Burwell&Evanitski	Sep.18,1961	5	15	70	50		D,S	Clay 50;grave 56;clay 97;sand 172;gravel 174;grey rock 175. Water from 97 to 106 and at 174.
,	On VI	*	3	B. Burwell	*	Jul.21,1961	5	15	50	45	Sulphur	D,S	Clay 50; putty sand 70; gravel 105; clay 165; gravel 175; gray rock 182. Water at 105 and 175.
	on VI		4	C. Mansfield	G. Warren	May 13,1960	5	10	49	24	Fresh	D,S	
	on VI		8	A. Anderson	W. Burwell	Oct. 1,1960		6 5	16 60	13 14	**	D	Sand 4; blue clay 25; sand 37. Water at 25.  Grey clay 21; outty sand 63; grey clay 70; white sand 75; sand 85.
	on VI		9	B. Meyerink	G. Warren	Aug.18,1961		(0)					Water from 75 to 85.
	on VI		10	E. Atkinson	E.B.Hussey	Nov.22,1962		10	25	16		D,S	quicksand 80; coerse send 91. Water from 86 to 90.
	on VI		11	G. Harvey	G. Warren	Jun. 5,1962	5	6	52	25		D,S	gravel send 119; gravel 120. Water at 120.
-	on VI		12	W.H. Trembley	E.B. Hussey	Sep.17,1963	4	10	40	13	4	כ	Old well 17; sand gravel 38; blue clay gravel 78; sand gravel 103; gravel 106. Water from 103 to 106.
-	on VI		22	Learn Bros.	G. Warren	Nov.16,1962	5	5	50	36	•	D,S	Yellow clay boulders 20; grey clay stones 30; dirty gravel 75; fine gravel 86. Water from 75 to 86.
	on VII	=	2	A. Scott	W.E. Locker	Aug. 3,1963	5	1/2	90	60		ס	Brown clay 10; blue clay 54; clay gravel 90; cemented gravel sad sand 98. Water from 90 to 98.
	On VII On VII	*	8	E. Prouse H. Vyse	G. Warren W.E. Locker	Aug.29,1960 Oct.20,1960		7 2	18 25	6 25	:	ם	Cley 22; fine gravel 25. Water from 22 to 25. Old dug well 24; brown clay 40; gravel 42; sand 45; gravel sand 69; coarse gravel stones 71; sand medium gravel °0. Water from 71 to 80.
	on VII	**	9	OtterValley	G. Werren	Aug.27,1960	5	15	30	12	**	С	Yellow clay 11; grey clay 23; fine gravel 25; dirty gravel 79; gravel 80. Water at 80.
-	on VII	**	9	Milk Producers P. Lemers	Cole Water Wells	Nov. 8,1963	5	6	70	50	*	D,S	

	XFORD COUNTY -												
1	Dereham Twp Con VII		nt. t 14	W. Rocke	G. Warren	Aug.10,1962	5	5	90	32	Fresh	C	Yellow clay 10; grey clay stones 32; soft clay 50; butty sand clay 60; hard clay stones 87; coarse sand 90. Water from 87 to 90.
	Con VII		14	Dereham Centre	Cole Water Wells	Jul. 8,1963	5	6	30	25	*	P	Yellow clay 17; grey clay stones 56; gravel 61. Water from 56 to 61.
	Con VII		14		<b>#</b>	Jul.21,1963	5	5	85	30	**	s	Old well 60; grey clay stones 110; dirty grovel streaks clay
	Con VII	n	16	G. Spaudling	G. Warren	Oct.31,1962	5	5	80	36	"	D,S	136;grevel 141. Water from 136 to 141. Yellow clay 15;grey clay stones 25;dirty gravel 33;clay stones 60;outty send 75;grey clay stones 97;fine gravel send 105. Water from 101 to 105.
	Con VIII	**	2	K. Nichols	K. McLeod & Sons	May 17,1962	4	3	135	90		C	Brown clay 20; blue clay 20; sand 90; blue clay 170; dirty gravel 178; gravel 170. Water at 180.
	Con VIII Con VIII	*	7 7	L.J. Belliveau L. Gaines		Jul. 9,1961 Jul.11,1962	5 4	3 4	82 100	75 70	" Sulphur	. D	Blue clay 10; hardren 154; sand grovel 194; brown rock 197; Water at 196.  Water at 196.  Water at 196.
	Con VIII	10	10	G. Werner	G. Warren	Nov.22,1961	5	5	60	46	-	D,S	7:1low clay 16; grey clay 73; clay behbles 130; grovel. Water at 130.
	Con VIII	*	10	H. Wilkinson	*	Feb. 5,1962	5	10	62	50	Fresh	D,S	Clay boulders 15; boulders 16; grey clay 95; butty sand 96; gravel 128. Water at 128.
	Con IX		1*	H. Hughes	W. Burwell	Sep. 3,1963	5	8	95	90		D	Clay 80;gravel 100;clay 120;gravel 140;clay 161;rock 168.
	Con IX	**	3	H. Livingston	G. Warren	Мау 6, 1961	5	5	92	82	11	D,S	Yellow clay 14; sand 16; grey clay 28; sand 58; grey clay stones 103; dirty gravel 105; sand 112. Water from 105 to 112.
7.3	Con IX	**	4	T. Langrell	**	Nov. 1,1960	5	5	74	69	и	D,S	Clay loam 12;gravel 13;soft clay 56; clay stones 99;gravel 95. Water from 99 to 95.
327	Con XII Con IX Con IX	0	7 8 8	W. Gordon F. Hopper V. Petman	WarrenWater Wells K. McLeod & Sons W.E. Locker		5 43 4	4 5 2	39 80 70	30 72 56	п н	D D D	Yellow clay 8; sand 31; sand 36; clay 39. Water from 31 to 36. Brown clay 50; blue clay 85; sand 88; gravel 90. Water at 88. Grey sand 4; gritty clay 34; white clay 74; butty sand 84; coarse sand fine gravel 94. Water from 84 to 94.
	Con IX Con IX Con IX Con IX Con IX Con IX Con IX	**	22 22 22	R. Cettle S. Wallace L. Donair	K. McLeod & Sons W. Burwell Burwell&Evanitski W. Burwell J.H. Weaver & Son W. Burwell	Feb.12,1963 Sep.26,1960 Jun.2, 1961 Nov.11,1961 Feb. 6,1962 Nov.28,1963 Aug.20,1962	4 4 4 1 5 5	6 3 6 7 8 8 7	75 44 38 35 30 55	70 39 25 30 9 25 50	# # # # # # # # # # # # # # # # # # #	D D D C D C D	Sand 11he clay 95;herdosn 180;gravel 181. Water at 181/ Sand 19;clay 40;gravel 59. Water at 40. Stony clay 51;gravel 59. Water at 51. Clay 50;gravel 64. Water at 63. Topsoil 1;brown clay 8;blue clay 9;gravel 15. Water at 9. Boulders 10;clay 70;sand 77. Water at 70. Red clay 20;blue clay 100;gravel 110;blue clay 144;grey limestone 145. Water at 145.
	Con X	H 10	6	R. Belore S. Scott	V. Chatterson Cole Water Wells	Aug. 4,1960 Nov.28,1963	2 5	4 8	70	22 65	**	D.S	Dark sand 5; clay 18; gravel 33; gravel sand 48. Water at 33. Clay loam 3; yellow clay 19; gravel stones 80; dirty gravel
	Con X	н	É	W. Ketchabaw	G. Warren	Aug.11,1960	5		, .	٠		N	106;gr-vel 114. Water from 107 to 114. Yellow clay 15;grey clay 65;gr-vel 104;clay stones 160: limestone 164.
	Con X Con X	н	8	G. Holzhev M. Prouse	**	Oct. 7,1960 Jul.17,1961	5 5	5½ 10	53 115	38 100	Fresh	D D,S	Brown sand 20; clay 52; grovel 71; sand 78. Water from 71to 78.
	Con X		9	Tillsonburg	International Water Supply Ltd.	Nov. 2,1961						8-61	Topsoil 2; brown clay houlders 4; hlue clay 24; clay gravel boulders 49; gravel 53; clay gravel 64; silt sand clay 75; silt sand clay 116; clay gravel.
	Con X	=	9		н	Apr.13,1962						T 1-62	Topsoil 2; clay gravel houlders 5; brown clay 13; blue clay 42; clay gravel boulders 56; gravel 59; clay gravel boulder 140.
	Con X Con X		10 11	M. Prouse J. Stephan	G. Warren	Aug.15,1960 Oct.26,1961	5 5	5	27 33	15 28	Fresh		Clay stones 27;sand 39. Water from 27 to 39. Yellow clay 5;grey clay stones 25;gravel 58;clay 62;sand 85. Water from 65 to 85.

Con X Con X Con X Con X Con X Con X Con X Con X Con X Con X Con X Con X Con XI Con XI Con XI Con XI Con XI Con XI Con XI Con XI Con XI Con XI Con XI Con XI Con XI Con XI	- con lot	11 11	A. Horvath  F. Gergich  Tillsonburg  P.U.C.	G. Warren WarrenWater Wells W.E.Locker	Aug.18,1962 Nov.28,1963 Jun.12,1961	5	5 21	45	28			
Con X Con X Con X Con X Con X Con XI Con XII Con XII Con XII	*	11 12	P. Gergich Tillsonburg P.U.C.	WarrenWater Wells	Nov.28,1963	5		45	1 28		1000	
Con X Con X Con X Con X Con XI Con XI Con XI Con XI Con XI		12	Tillsonburg P.U.C.			-	21			Fresh	ם	Yellow clay 8; grey clay stones 25; dirty gravel 58; hard clay stones 72; yellow sand 80; coarse sand 91. Water from 80 to 92.
Con X Con X Con X Con X Con XI Con XI Con XI Con XI Con XI			P.U.C.	W.E.Locker	Jun.12,1961			90	42	*	D	Yellow sand 8; grey clay 21; pit gravel 32; grey sand 64; hard clay stones 89; fine grey sand 93. Water from 89 to 93.
Con X Con X Con X Con XI Con XI Con XI Con XI Con XI		12				5			162	*	T 1-61	Black loam 2; yellow sand 18; yellow clay 20; grey quicksand 28; medium sand 30; clay hardpan sand 68; coarse sand 82: coarse sand fine gravel 85; fine gravel 93; clay 118; fine gravel 126; clay sand 136; blue clay 161; fine sand gravel 163; limestone
Con X Con XI Con XI Con XI Con XI Con XI	90		•	International Water Supply Ltd.	Oct.31,1961	2					T 7-61	164. Water at 68; 82 to 85, 85 to 93, 118 and 161. Topsoil 1; dirty sand 7; sand clay 14; silt clay streaks 14; silt clay 22; clay gravel 70; sand 71; silt sand clay 83; coarse sand fine gravel 86; clay 162; rock.
Con XI Con XI Con XI Con XI Con XI		14	Delmer Public School	K. McLeod & Sons	Jun. 2,1960	5₺	6	50	35	Fresh	P	Blue clay 75; hardpan stones 90; hardpan 102; gravel 104. Water at 102.
Con XI Con XI Con XI Con XI	**	15		G. Warren	Mar.17,1961	5	10	50	40	*	D,S	Clay loom 18; white sand 20; sort grey clay 55; clay stones 92;
Con XI Con XI Con XI		15	H.C. Brown	W.L. McBeth	Nov.16,1962	5 <del>}</del>	5	69	24		D,S	fine gravel 100. Water from 92 to 100. Brown clay 25; hard sand 50; clay stones 80; butty sand 90;
Con XI Con XI	W	1	J. Butler	G. Warren	Sep. 5,1960	5	10	50	38	*	D,S	hardpan 98;gravel 99. Water at 98. Clav stones 20;grev clay 60;dirty gravel 61;gravel 62. Water
Con XI	**	7	B. Vance A. Sinden	J.H. Weaver & Son G. Warren	Aug.22,1960 Sep.30,1960	1 5	8	54	20 30	**	D P	from 61 to 62. Old well 23;brown quicksand 37; Water at 20. Clay 18;boulders 19;clay 45;dirty gravel 60;gravel 70. Water
Con XI	*	7	J. Drew	J.H.Weaver & Son	Jun.13,1961	1	8		22		D	from 65 to 70. Topsoil 1; yellow sand 5; brown sand ??; grey quicksand 35; gravel
Con XI		7	J. Letos	G. Warren	Jun.15,1961	5	5	67	44		מ	30. Water at 22. Yellow sand 4; grey clay stones 65; dirty grevel clay 96; sand
	•	7	Tillsonburg P.U.C.	International Water Supply Ltd.	Apr.25,1962	2	22	19	10	•	T 1-62	101;dirty gravel 102. Water from 96 to 102. Topsoil 1;brown sandy clay 5;brown clay 12;grey clay 20;silt sand clay 41;clay gravel 45;gravel clay 57;clay 61;silt fine sand 84;boulders 85;hard blue clay 116;rock 121. Water from
Con XI		7	T. Harris	G. Warren	May 3,1962	5	1	42	34		D	45 to 57. Yellow clay 8; grayel 30; vellow sand 39; wite sand grayel 42.
Con XI	•	7	Tillsonburg P.U.C	International Water Supply Ltd.	May 15,1962						т 9-62	Water from 39 to 42. Sandy clay 5; clay 20; silt fine sand 44; clay gravel 47; gravel boulders 57; clay 60; silt sand 64; silt sand clay 33; clay
Con XI		7	B. Oberski	J.H.Weaver & Son	Jul.10,1962	1	8		25	Fresh	ם	gravel 116; rock 117. Topsoil 1; yellow sand 9; white sand 25; sand 37; coarse gravel
Con XI	*	7	J. Lator	•	Apr. 9,1963	1	8		22		D	40. Water at 25. Topsoil 1; yellow sand 5; white sand 22; grey quicksand 37. Water
Con XI		8	H. Maertens	G.Warren	Nov. 2,1960	5	10	36	28		D,S	at 22. Yellow sand 38; clay stones 48; fine sand 62; fine gravel 82.
Con XI		8	R.G. Corman &	R. Hodgson	May 5, 1962	5	100	33	20	*	P	Water from 62 to 82. Topsoil 1; yellow sand loam 8; sand 15; hardosn 18; soft sand 28;
Con XI	*.	8	J. High W. Scott	Cole Water Wells	Nov.18,1963	5						coarse sand 33;gravel 38. Water from 28 to 38. Topsoil 2;yellow sand 8;white send 13;grey clay stones 28; dirty gravel clay 34;grey clay stones 117;rock limestone 119.
Con XI	*	9	Tillsonburg P.U.C.	G. Warren	Jun.24,1960	5	20	25	22	Fresh	T	Dry hole. Yellow clay 12; grey clay peobles 18; dirty gravel 35; sand 48;
Con XI	*	9	B. Vasily	J.H. Weaver & Sons	Feb.21,1961	1	8		50	*	D,S	clay stones 60. Water from 35 to 48. Old well 30; white sand 45; coarse gravel 60. Water at 45.

328

	XPORD COUNTY												
	Dereham Twp. Con XI	- cor		Tillsonburg P.U.C.	W.E. Locker	Jul.10,1961	5			28	Fresh	T 1-61	Black loam 2; yellow send 15; caving yellow send 33; mixed gravel 42; gravel sand dirt 56; coarse sand 70; coarse sand fine gravel 80; gravel 82; hardoan sand clay 86; blue clay 128; fine gravel
	Con XI	,,	9			Aug.12,1961	2			20		T 2-61	129; coarser gravel 130; brown limestone gravel 131. Water at 38, 82 and from 128 to 131.  Black losm 4; sand gravel 11; vellow sand 25; quicksand 30; coarse sand 35; medium sand gravel 40; fine gravel 45; fine gravel silt 50; fine gravel 60; fine gravel silt 70; fine gravel oorse sand 85; fine gravel silt 92; clay hardban 125; coarse gravel 130;
	Con XI	•	9	я	International Water Supply Ltd.	Sep.28,1961	2			12		T 4-61	brown grey limestone 131. Water at 20, 30 and at 87. Tobsoil 4;dirty sand clay 32;send gravel 55;finer sand gravel 55;clay 57;boulder 58;hord clay 91.
	Con XI		9		"	Oct. 5,1961	7	100	27	15		T	Topsoil 3; dirty sand clay 43; gravel 44; brown clay 50; gravel
	Con XI		9			Oct. 6,1961	2			14		T	60; coarse gravel 68; boulders white clay 70; blue clay 86. Topsoil 4; sand 40; coarse sand fine gravel 67; boulders 68;
	Con XI		9			Oct.24,1961						T	blue clay 71.  Tonsoil 4; brown silty clay 9;s'lty brown send 29;grevel 41: rusty gravel 43; clay 51; dirty silt send 72; clay 78; gravel 81;
	Con XI		9		n .	Apr.17,1962						T.	clay 87. Send 7;brown clay 24;silt send soft brown clay 58;dirty send
	Con XI	**	9	**	"	Sep. 5,1962	16	500	27	19	Fresh	T	gravel 85;gravel 70;blue clay 92.  Tobsoll 1;sandy clay 11;fine send 33;medium send 43;redium sand gravel 46;clay sand 40;silty sand clay 50;coarse sand
329	Con XI	*	9	**	*	Sep.10,1962	16	359	37	34	"	T 5-62	gravel 62;gravel sand 70;clay houlders. Water at 33. Sand 7:brown sandy clay 19;fine sand hard streeks 37;medium sand 52;medium sand gravel 66;gravel sand 76g;sand gravel
	Con XI	**	10	п	п	0ct.26,1961						6 <b>-</b> 61	77%;grovel sand arey clay. Water from 37 to ?7%. Topsoil 1;dirty sand clay 4;brown clay 12;blue clay grovel boulder 49;fine gravel 52;clay streaks 52%;silt sand 55;clay 57;sand 58;clay 64;silt fine sand ?2;tight silt sand clay
	Con XI	**	10	"	"	Apr.18,1962						T 3-62	streaks 97; clay boulders 105; clay 149; rock.  Sandy clay 9; brown clay 23; silt sand clay 40; silt sand 65; gravel 69; blue clay 93.
	Con XI Con XI Con XI	"	12 12 14	D. Rohrer	G. Warren Cole Water Wells G. Warren	Jul.19,1961 Apr.27,1963 Jun.10,1961	5 5 5	3 6 5	25 40 50	18 24	Fresh	ם ם	Yellow sand 38; coarse send 41. Water from 38 to 41. Yellow send 34; clay stones 55; send 70. Water from 55 to 70. Old well 40; grey clay stones 96; fine sand 89; coarse sand 92. Water from 89 to 92.
	Con XI		21	E. Woolley	,,	Aug. 9,1960	5					N	Yellow clay 15; grey clay gravel 91; butty sand 110; clay stones
	Con XI	н	21	99	н	Aug.12,1960	5	4	62	37	Fresh	D,S	125; butty sand clay 155; clay 187; limestone 196. Clay 41; clay stones 72; stones clay sand 86; gravel 89. Water
	Con XII Con XII	11	6	H. Cockburn M.E. Palmer	W.E. Locker	Jan.22,1960 Nov.20,1962	8	5	10	Flows	Sulphur Fresh	P D	at 89. Clay 40; boulders. Water at 40. Topsoil 1; fine sand 32;
	Can XII		6	R. Lidstone	J.H.Weaver & Son	Nov.27,1962	2	8		28		D	blue clay. Water from 14 to 32. Topsoil 1; brown stony clay 15; white sand 28; brown butty
	Con XII Con XII	**	6	S. Hurly J. York	W. Burwell W.E. Locker	Nov.24,1962 Dec.21,1962	2 2	2	20	15 5		D D	sand 37;brown clay 35;grey aulcksand 40. Water at 28. Sand 6;clay 24;fine sand 38. Water at 24. Topsoil 1;brown clay 12;blue clay hardban boulders 26;fine
	Con XII	-	6	C. Crossett	*	Apr.20,1963	2	21/2		12		D	grey send 41. Water from 26 to 41. Brown clay 5; dirty sand stones 11; blue clay 31; fine grey send
	Con XII	-	6	L.E. Baxter	J.H.Wesver & Son	Aug. 9,1963	1	5		28		D	56. Water from 31 to 56. Old well 10; white sand 28; blue quicksend 34; blue clay 35; blue
	Con XII	и	7	C. Brown		May 27,1960	1	8		25		כ	ouicksand 38. Water at 28. Topsoil 1;brown clay 7;write sand 35; Water at 25.
										1			

	LOCATI	ON			OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	2210	2210	I T. EVET.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	KFORD COUNTY . Dereham Twp Con XII	- co		- 1	A.Vanderspallie	W.E. Locker	Aug. 6,1960	2	1 2		6	Fresh	D	Dark clay 2; yellow clay 28; sand 28; blue clay 48; coarse fine sand mixed 53; blue clay 122; brown limestone 143. Water from
	Con XII	1	7		M.Kriense-	J.H.Weaver & Son	Mar.30,1961	1	17		15		D	48 to 53, Sulphur at 143. Topsoil 1; vellow sand 5; w ite sand 15; brown quicksand 30.
	Con XII		7		Lokker J.M. Sanders		Apr.27,1961	1.	8		28		D,S	Water at 15. Sandy clay 4; brown sand 28; fine grey sand 40. Water at 28.
	Con XII	,	7		A. MacDougal J.W. Buchner	E. Hoover W.E. Locker	Jul.25,1961 Oct.25,1961	5½ 2	3		31		D	Topsoil 2; red clay 12; blue clay 54. Dry hole. Brown clay 7; stone clay 14; dirty sand gravel 22; blue clay 34;
	©n XII		7		F. Goessens	•	Oct. 3,1961	2	3		15	•	D	fine sand 46; blue clay. Water at 34. Brown clay 5; sand stone 8; dirty gravel 10; blue clay 31; extra
	Con XII	,	7	1	H.E. Sutton		Apr.15,1963	2	21/2		16	-	D	fine grey send 46. Water at 32.  Brown clay 5; sand 8; dirty sand stones 10; blue clay 31; fine grey sand 54. Water from 31 to 54.
	Con XII	2	7		C. Chapman	J.H.Weaver & Son	Aug.14,1963	1	8		23		D	Topsoil 1; yellow sand 3; white sand 4; brown clay 9; sand 23;
	Con XII	•	7		L. Ireland	W.E. Locker	Sep.27,1963	2	2		14	*	D	brown sand 37. Water at 23. Yellow clay 9; blue clay 33; gravel sand 42; clay. Water from 33 to 42.
	Con XII Con XII		8		F. Fairs N. Horvath	G. Warren C. Norman	Jan.21,1960 Jul.22,1960		7 5	35	27 18	:	5 5	Clay 8; clay sand 30; clay 38; sand 54. Water from 38 to 54. Tobsoil 4; red clay 6; blue clay 10; red clay 12; fine sand 18; sand 38. Water at 18.
w	Con XII Con XII Con XII		8 8		A. Ferguson W. Chanyi Jr. P.U.C.	G. Warren C. Norman G. Warren	Sep.15,1960 Nov.30,1963 Jun.20,1960	3	8	35 38	20 32 20	sulphur	D D T	Clay 12; yellow send 50; send 55. Water from 50 to 55. Blue clay 35; fine sand 63; coeres sand 64. Water at 35. Yellow clay pebbles 19; yellow sand 30; dirty send 27; clay
330	Con XII Con XII Con XII	;	1 1 1	1	R. Hay R. Moore J. Horton	W. Burwell G. Warren	Apr.18,1962 Jul. 5,1962 Jen.23,1961	5	5 10 10	38 40 60	27 35 30	Fresh Sulphur	D D,S D,S	169; limestone 170. Water at 170. Yellow clay 20; yellow sand 40; sand 56. Water from 40 to 56. Grey clay 50; fine gravel 57. Water at 50. Yellow clay 20; yellow sand 25; grey clay stones 65; grey clay
	Con XII		2	1	E. Holland	*	Aug.29,1961	5	5	80	55	Fresh	o,s	180; grey limestone 185. Water at 185. Yellow clay 20; soft grey clay stones 60; hard clay boulders
	Con XII	,	2	3	A.E. Galleway	Cole Water Wells	Aug.23,1963	5	6	40	36		D,S	80;gravel 122;sand 129. Water from 122 to 129. Yellow clay 5;grey clay 25;dirty White sand 28;grey clay
	Con XII Con XII	,	2		P. Haggart P. Germuska	C. Norman G. Warren	Dec. 5,1960 Dec. 3,1962	3 5	5 30	20	10 16	Sulphur	D,S D,S	stones 64; gravel 57. Water from 64 to 67. Topsoil 2; gravel sand 10; sand 14. Water at 10. Yellow sand stones 10; grey clay stones 10; fine dirty sand 110; grey clay stones 170; dark rock 173. Water at 173.
	East Nissouri Con VIII		). it 6		E. Sieberer	K. McLeod & Sons	Oct. 2,1963	4	5	35	33	Fresh	D	Brown clay 10; blue clay stones 25; hardpan 118; gravel 119.
	Con VIII		1		A. Dinner Skii-Hi Lodge	W. Dale Hadco WellDigging	Jan. 26, 1960 Jan. 17, 1973	7 30	5 2	29 40	20 12		D G	Clay gravel 45; gravel 52. Water from 45 to 52.  Brown clay 3; gravel 7; brown sand 21; blue clay boulders 49;
	Con VIII		2	9	J. Sterritt	M. Jones	Sep.19,1963	4	8	80	50		D,S	boulders. Water at 14. Clay 63; fine sand 78; ston; clay 95; sandy clay 100; fine sand
	Con IX	•	3		D. McCall	E.B. Hussey	Jul.19,1961	4	5	125	55	•	D	110; grey limestone 120. Water at 118. Sandy yellow loam 5; blue clay 17; boulders hardpan 20; gravelly hardpan small stones 30; hardpan 78; sandy clay stones 90; brown limestone 125; hard sharp grey limestone 150; hard grey brown
	Con IX	,	3		J. Noble	K. McLeod & Sons	Sep.19,1963	4	6	42	42		D	limestone 157. Water from 125 to 157. Brown cley 20; blue clay 40; heriban stones 80; limestone 90.
	Con IX	•	3		J. Pietrzyk	C.H. Kent	Nov. 4,1963	5	3	90	60		D,S	Water at 90.  Brown loam 2; yellow send stones 19; grev send grevel 60; clay gravel 92; grey limestone 99. Water at 99.

ох	PORD OCUNTY	<b>-</b> co	nt.										
E	est Nissouri Con IX		nt.	H. Cole	Hadco WellDigging	Nov. 9,1962	30	3	19	9	Fresh	D,S	Topsoil 1; brown gravelly clay 9; grovol 13; blue clay boulders
	Con IX		5	G.M. Hogg	K. McLeod & Sons	Oct.24,1963	5	6	60	55		D,S	19. Water at 9. Brown clay 40; hardown stones 97; soft limestone 108. Water at
	Con IX		10	L. Older	M. Jones	Sep. 5,1963	5	8	110	55		D,S	108. Clay 20; gravel 27; clay 45; gravel 60; clay stones 110; fine sand
	Con IX	н	31	S. Hertzler	K. McLeod & Sons	Jul.21,1960	5	5	45	30		D,S	125; brown limestone 150. Water at 146. Brown clay 30; blue clay stones 50; hardnan stones 119; grey
	Con IX	и	33	J. Herkes	M. Jones	Nov. 7,1963	4	8	78	73		D,S	
	Con X	н	1 6	E. House	K. McLeod & Sons		4	5	48	30	w	D	brown limestone 108. Water at 108. Brown clay 20; hardman stones 70; limestone 75. Water at 75.
	Con X			K. Hogg	*	Sep. 6,1963	5		110	95	**	D,S	brown rock 198. Water from 196 to 198.
	Con X		8	R. Hogg	*	Nov.12,1963	5	6	60	50		D,S	grey rock 132. Water at 132.
	Con X	*	9	P. Hogg	M. Jones	Aug. 9,1963	4	8	60	50	*	D,S	Clay hordpan 28; sandy clay 58; grayel 60; coarse sand 92; stony clay hardpan 128; gray limestone 142. Water at 58 and 140.
	Con X		15	J. Chendler	K. McLedd & Sons	Oct. 7,1960	5	5	15	10		D	Brown clay 10; blue clay 30; hardban stones 95; white hardban 10; limestone 106. Water at 106.
	Con X	10	23	E. Towle	M. Jones	Dec.18,1962	4	10	85	90	*	D,S	Clay 8; sand 104; grovel 105; clay 108; clay hardpan 175; fine sand stones 181; limestone 195. Water at 192.
	Con X	п	31	J. Cappa	"	Nov.13,1961	4	8	65	60		D	Yellow clay 35; hardnan blue clay 95; coarse sand 102; clay 105; fine sand 115; dar's brown limestone 129. Water at 95 and 125.
	Con X	**	34	A. Hutton	**	Nov.16,1963	5	30	60	55	*	D,S	
331	Con XI	19	1	K. Cameron	K. McLeod & Sons	Jun.14,1963	4	6	55	45		D	Brown clay 25; blue clay 60; hardman stones 96; limestone 91.
	Con XI Con XI	"	5 15	R. McDonald R. Calder	**	Apr.18,1962 Jan. 8,1963	4	5	60 40	55 18	11	D,S	
									40	-		_	limestone 112. Water at 112.
	Con XI		15	H. Barons		Oct.31,1963	5	6		35		D,S	151; brown rock 158. Water at 157.
	Con XI		23	G. Worte		May 5, 1962	4	6	100	90		D,S	at 215.
	Con XI		24	E. Towle	M. Jones	Nov. 8,1963	4	10	57	57	•	S	Clay 30; soft sticky clay 35; stony clay 42; sandy clay 154; fine gravel 155; fine sand 169; fine gravel 170; limestone 191. Water
	Con XII	10	8	J.F.McDonald	*	Dec.29,1962	4	8	63	35		D,S	st 189. Yellow clay 8;gravel stones 38;blue clay 45;fine sand 78;
	Con XII		16	L. Moore	K. McLeod & Sons	Jul.28,1962	41	7	8	8		ם	scapstone 81; hard grey limestone 85. Water at 81. Brown clay 20; blue clay 35; hardnen stones 95; white hardpan
	Con XII		22	B. Troyer	M. Jones	May 17,1963	4	8	95	90		D,S	101; white limestone 106. Water at 106. Fine sand 85; coarse sand 90; fine sand 120; clay 168; fine sand
													200; broken limestone sand 210; dark brown limestone 220. Water at 218.
	Con XIII	10	4	J. Snetzinger	A. Wyatt	Nov. 2,1962	5	400		10		D,S	78.
	Con XIII	*	11	V. McArthur	K. McLeod	Jun.22,1963	5	5	85	70		D,S	limestone 145. Water et 145.
	Con XIII Con XIII		24 24	Sifton Constr. Tree TopResort		Nov. 6,1961 Sep.12,1962	30 4	8	130	90 90	*	D D	Topsoil 1;brown san' 25;brown clay sand 30. Water at 24. Sand 7;boulders 9;brown sand 65;fine sand 113;gravel hardpan 160;sand 162;gravel hardpan 189;sand 201;sand hardpan 229;
													brown limestone 238. Water from 60 to 65, 170 to 172 and 236 to 238.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

I	COCATION	.1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	LEVEL.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD CO East Nis Con XIV	souri I	WP		H. McCall	B.B. Hussey	Jul. 8,1961	4	8	55	21	Fresh	D,S	Loam 8; hardpen boulders 15; gravelly hardpan sandstone 60; hardpen 85; gravelly hardpan shelly rock 95; heaving gravel sand 100; hardpen strenks sandstone 125; brown limestone 150. Water from 130 to 150.
East Oxf Con I		lot	1	R.V. Murray	J.P. Vos	Dec.12,1961	4	6	30	21	Fresh	D	Hard clay 18; blue clay 43; hard blue clay 85; clay gravel 99; coarse gravel 101. Water at 99.
Con I			1	B. Toes	Steinman & Baird	Apr. 5,1962	4	8	60	29		D	Bro n clay 6; grey clay 91; hardnen 104; brown shale 112; blue
Con I			3	C. Koning	National Pump & Water Supply	Dec.27,1961	4	5	42	30	•	D,S	limestone 115; brown limestone 127. Water from 120 to 127. Brown clay 17; blue clay 54; fine silty sand 56; blue clay 79; medium fine sand 82; coarse sand gravel 85. Water at 54 and 70.
Con I		**	3	D. Wyllie	J. Stefan	Jul. 8,1963	4	10	65	25	•	D,S	Soft sandy clay 52; butty sand 66; clay sand streaks 82; hard dirty gravel 100; stony clay 102; grey rock 120. Water at 119.
Con I			3	G. Jones	West Zorra Well Drillers	Oct.16,1961	4	8	46	22		D	Hard clay stones 15; blue clay 78; sand gravel 91. Water from
Con I Con I		:	7	D. Palmer 3. Roberts	E. Stewart N. Steinman	Nov.23,1960 Dec.22,1961	5	5 10	19 32	14 13	:	D D	85 to 91. Clay rocks 80; ouicksand 120; brown limestone 140. Water at 139 Brown clay 26; grey clay 84; fine sand 94; grey clay 99; brown limestone 108; grey sandy clay 109; brown limestone 120. Water
Con I		*	7	D. McFarland	Steinman & Baird	Jul. 8,1962	4	12	26	14		D	from 114 to 120. Brown clay 29;grey clay 39;sandy clay 61;hardban 68;clay 78; dirty sand 94;grey clay 99;brown limestone 103;blue clay sand 108;brown limestone 131. Water from 127 to 130.
Con 1				T. Boyce	National Pump & Water Supply	Mar. 2,1963	4	14	17	15	•	D	Topsoil 1%; sand 3; grey clay small stones 26; silt brown clay 51; sandy silt clay streaks 92; limestone 117. Water at 51 and 115.
Con I			8	J.W. Brownscombe	E. Stewart	Nov. 4,1960	7	30	20	12	•	ם	Clay hardheads 40; duicksand 89; brown limestone 120; brown limestone shale 141. Water at 110 and 114.
Con I Con I			10 13	W. Cose D. Zilke	Burwell&Evanitski E. Stewart	Peb.27,1961 Dec.24,1960	7	6 10	63 65	70 60	•	D,S D,S	Clay 72; gravel 122; hard white rock 163. Water at 163. Clay rocks 80; quicks and 122; brown hard limestone 195; brown limestone shale 212; brown hard limestone 234; brown limestone shale 260. Water at 183 and 258.
Con I			13	G. Inrich	*	Mar.14,1963	7	30	18	6	•	D,C	Sand clay boulders mixture 80; layer clay 109; coarse sand 112.
Con II		*	11	C. Riach	Steinman & Beird	Aug.24,1963	4	12	60	43	*	D,S	Water from 110 to 112. Old well 6;grey clay 88;brown clay 103;gritty hardpan 121; broken limestone 133;greyish brown limestone 160. Water at 133.
Con II		•	13	V. Canfield	E. Stewart	Jan.10,1961	7	30	50	42	•	D,S	Clav rocks 60; ouicksand 127; brown limestone 210; brown limesto shale 215; brown limestone 225; brown limestone shale 230. Wate at 229.
Con II		*	14	H.C.Virtue	K. McLeod & Sons	Apr.18,1961	5	5	28	28		D,S	Brown clay 16; blue clay 40; sand 45; gravel 50; hardnan 59; gravel 100. Water at 190.
Con II		•	19	P.U.C.	International Water Supply Ltd.	Aug.27,1962					•	T	Topsoil 10. Mater at 190. Topsoil 1;gravel sand clay 2;clay 4;gravel sand clay boulders 20;gravel sand boulders 26;dirty hard gravel sand boulders 29;firm to hard clay gravel 65;softer clay gravel boulders sand silt 70;pecked to hard silty sand 75;hard backed clay gravel boulders 90;sand silt 91;brown clay gravel 94;brown limestone 95%. Water at 17.

0	XFORD	COUNTY -	- con	t.										
	East Con	Oxford.Tw II		20		International Water Supply Ltd.	Jan.31,1962	10						Torsoil 1; brown sandy clay small boulders 3; dirty sand gravel boulders 15; cemented gravel boulders 32; hard brown clay gravel 65; cemented sand gravel
	Con	II	•	20	**	,,	Feb.13,1962	10					т	boulders 126; brown white lime-tone 130. Topsoil 1; brown clay gravel 7; dirty sand gravel 24; dirty sand gravel boulders 44; sand gravel boulders 54; dirty sand gravel boulders 86; ce-ented sand gravel 147; brown white limestone
	Con	II	**	20	W	н	Aug. 3,1962	10					T	148. Torsoil 2;brown sandy clay gravel 20;hard cemented gravel 125 andy blue clay gravel soft streaks 150;gravel clay 157;brown white limestone 157%.
	Con	III	**	1	D. McDowell	J. Stefan	Jun. 6,1960	4	5	46	8	Fresh	D,C	Hard gravelly clay 15; sandy clay 48; hard gravelly clay 60; dirty yellow sand 90; clay 92; fine gravel 93. Water at 92.
	Con	III	**	2	A.B. Ransome	National Pump & Water Supply	Jul.20,1962	4	8	17	15	*	D,S	Elack tonsoil 1; red sand 3; hrown cley 13; blue clay 90; grey sandy cley 11°; fine block silt 130; coorse gravel 132. Water at 96 and 131.
	Con	III		6	J. Riach	Steinman & Baird	Mar. 7,1963	4	15	33	23	**	D,S	Grev clay 27; fine send clay 66; grey hardban 101; sandy clay 111; sandy gravel limostone slabs 122; gravel 124. Water at 124.
	Con	III	*	7	J. Slattery	N. Steinman	Sep.22,1961	4	12	37	33	*	D,S	Stony red clay 20;gritty blue clay 42;fine sand 52;blue clay 73;grey clay 96;gritty hordban 116;limestone hardban 124; gravel 126. Water at 126.
(2)	Con	III	*	7	E. Skillings	*	Oct.14,1961	4	9	75	35	*	D,S	Stony brown clay 18; blue clay 33; sandy clay 78; gritty hardban 100; crey limestone 104; dirty sandy gravel 111; shale 115; grey limestone 145. Water from 138 to 145.
333	Con	III	190	13	R. Saunders	J. Stefan	Dec.13,1963	4	5	34	25	**	D	Old dug well 16; fine silty sand 74; hard packed dirty gravel 85; clean fine gravel %6. Water at 85.
	Con	III	*	19	K. Barker	Steinman & Baird	Jul.10,1963	5	15	20	5	*	D	Topsoil 4;gravel clay 20;soft muddy clay 40; coarse gravel 51. Water at 51.
	Con	III	n	20	W. Utting	K. McLeod & Sone	Sep.28,1961	4	5	30	25	w	D	Brown clay stones 20; hardpan 49; dirty gravel 47; clean gravel 58. Water at 58.
	Con Con		н	21 1	L. Kennedy C. Wright	J. Stefan	Mar. 1,1961 Dec. 6,1961	43	5 5	28 45	26 25	**	D,S	Gravel 15; blue clay 49; gravel 51. Water at 49.
	Con	IV	**	12	Christ Church (Anglicen)	National Pump & Water Supply	Jun.23,1962	4	7	45	40	*	D	Sandy clay 2; brown send 28; blue sandy clay 64; blue clay 72; grey sandy clay 94; fine sand 112; grey sandy clay 121; hardpen sandstone 126; limestone conglomerate 128. Water at 102 and 126.
	Con	IA	11	20	R. De Weerd	28	Aug.14,1961	4	3	78	32	Ħ	D	Clay gravel stones 39; ouicksand 72; clay boulder 7°; ouicksand 110; gravel 112. Water at 48 and 78.
	Con	IV	**	21	P.U.C.	International Water Supply Ltd.	Mar.21,1962	10					T 6-62	Brown sandy clay gravel 5; sand blue clay gravel 20; streaks blue clay gravel 62; cemented sand gravel 86; dirty sand gravel boulders 95; dirty sand gravel 99; brown white limestone 101.
	Con	IA	*	20	Kinsmen Club	Steinman & Baird	May 31,1962	4	10	23	11	Fresh	P	Stony clay 1"; quicksand 16; gritty clay 34; soft blue clay 35; grey clay 43; gritty hardpan 63; gravel 66. Water from 63 to 66
	Con	IA		21	P.U.C	International Water Supply Ltd.	Jul.19,1962	10			1		T	Torsoil 1; dirty sand gravel boulders 17; coarse sand 22; hard blue clay gravel 100; brown limestone 102. Dry hole.
	Con	Λ	*	19	G. Ketchum	B. Haskell	Oct.14,1960	41/2	9	37	30	Fresh	D	Red clay 21; soft clay 75; hardran stones 98; dirty gravel 102; clean sand gravel 103. Water at 103.
	Con Con		*	20 2	C. Edwards S.& R. Davis	K. McLeod & Sons E. Hoover & Son	Sep.21,1962 Mar.24,1961	4 5	2 5	12	Flows 10	H	D,S D,S	Brown clay 60; sand 105; gravel 109. Water from 105 to 109. Topsoil 3; blue clay 30; sandy gravel 20; blue clay 93; brown limestone 96. Water at 96.
	Con	AI	n	8	L. Huggins	National Pump & Water Supply	Dec.31,1962	4	5	34	29	•	D,S	Old dug well 12; blue clay 55; ouic's and boulders 99; clay gravel 106. Water at 103.
								-						

	LOCA	TION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	Oxford VI	Y - con Twp lot	cont	w. Day O. Kelner	K. McLeod & Sons	Jan.18,1961 Jul. 3,1961	4 <del>1</del> 5	5 5	40 85	35 80	Fresh	D,S D,S	Brown clay 20; blue clay 40; hardnen 75; grevel 78. Water at 75. Blue clay 75; sand gravel 110; hardnen stones 118; gravel 120. Water at 118.
Con Con	VI	:	17 18 18	G. Gracey D. McLeod S.S.# 7Curries	N. Steinman	Oct.12,1961 Oct. 5,1961 Feb.10,1962	4 4 5	6 5 12	17 47 60	15 44 57	:	D,Š D P	Brown clay 30; hardpan stones 85; gravel 90. Water at 90. Hardpan 52; dirty gravel 89; gravel 91. Water at 91. Fill 2; brown clay 70; grey gritty hardpan 104; sand fine gravel 1174. Water from 116 to 1174.
Con	ΛI		20	J.& T.Vanwyck	K. McLeod & Sons	Dec.24,1960	4	5	23	10		D	Brown clay 25; clay sand 90; hardpan stones 134; gravel 136. Water from 134 to 136.
Con	VII	•	1	G. Mather	E. Hoover & Sons	Jul.24,1962	5	3	20	18		D,S	Clay 20; sand gravel 40; h rdpan 42; gravel sand 45. Water from 42 to 45.
	VII	:	2 19	E. Wallace D. Stephenson	" Steinman & Baird	Apr.17,1961 Feb.27,1962	5 <del>}</del>	4 15	18 20	10 16		D,S D,S	Topsoil 1; red clay 10; blue clay 66; gravel 67. Water at 67. Stony hardban 43; grey sandy clay 82; sandy gravel 92. Water from 88 to 92.
Con Con	AIII AIII AIII AIII		1 2 2 2 15	C.M. Guider J. Neville H. Hvhdman J. Neville W. Beecraft	E.Hoover & Son H. Wood # K. McLeod & Sons	Nov.30,1963 Dec. 3,1963 Dec,10,1963 Dec.12,1963 Jul.10,1962	5 5 5 5 4	3 8 8 2 5	29 16 9 4 40	14 16 8 4 30	Sulphur Fresh	D,S D,S D,S D,S	Clay boulders 38; grey limestone 97. Water at 86. Yellow sand 4; clay boulders 42; granite 70. Water at 42 and 70 Yellow sand 3; clay boulders 43; grey rock 45. Water at 45. Old dug well 18; sand 26. Water at 19. Brown clay 15; blue clay 40; gravel sand 75; gravel 78. Water at
Con	VIII		16	M. Hussey	E. Hoover & Sons	Aug.15,1961	5	31/2	46	40	*	D,S	78. Topsoil 2; clay stones 12; sand stones 30; sand 110; hardnen 115;
Con	AIII	•	19	H. Hanson	K. McLeod & Sons	Jul. 4,1962	4	3	155	60	*	D,S	sand 130. Water at 130. Brown clay 20; coerse sand gravel 45; suicksand 120; sand 160; hardpan 190; gravel 193. Water at 193.
East	Zorra	Twp.	29	E. Yungblutt	D W-1-1	T-1 00 10/0	6.3		lin			_	
		101			B. Haskell	Jul.22,1960	1	10	49	33	Fresh	D	Blue clay 46;hardman 102; soft sandy clay 120; hardman 159; gravel 161. Water at 161.
Con		-	30	L. Smoker	J.P.Vos	Aug. 9,1961	4	8	40	21		D,S	Old dug well 46; sond stone 55; sand 64; crev rock 66%. Water at 65.
Con	IX	*	32	F. Sipple	C.&H. Kerr	May 19,1962	5	15	40	23	•	D	Soft clay 20; clay boulders 94; fine gravel 99. Water from 95 to 99.
Con	х		3	A. Muir	B. Haskell	Jun.20,1960	41/2	10	50	40	•	D	Clay stones 35; hardman 78; dirty sand 94; clay 111; clay shale 118; limestone 126. Water at 126.
Con			5	T. Phillips		Jun. 7,1960		15	23	12		D	Old well 65; hardoan 88; shale 91, Water at 91.
Con Con		*	5	B.H. Hert W. Stone	K. McLeod J.P. Vos	Oct.22,1962 Jun.16,1961	4	5 4	35 52	25 12	-	D	Brown clay 15; blue clay 50; herdon 22; gravel 81. Water at 81. Sand clay 10; sand 22; blue clay 41; herdon sandy soil 44; blue clay 60; sand 70; herdon clay gravel 72; gravel sand 74.
Con	X	•	6	J.S. Thorley	•	Jun.30,1961	4	6	60}	17	*	D	Water at 73. Sond clay 10; sand 22; blue clay 43; hardpan 45; blue clay 65; sand 70; hardpan 72; clay gravel 82; coarse gravel sand 85. Water at 84.
Con	х		6	B. Sturris	Steinman &Baird	Mar.26,1963	4	15	34	30	•	D,S	Clay 70; gritty hardnen 88; fine send 98; clay 104; shale 107;
Con	х		14	L. Pye	National Pump &	Nov.31,1962	4	10	40	35	•	D,S	brown limestone 112. Water from 110 to 112. Old dug well 25; suicksand 29; wrey sandy clay boulders 70;
Con	X		16	W.J.Alexandra	Water Supply N. Steinman	Jan.31,1962	4	12	65	54	*	D,3	grevel 75. Water at 70. Topsoil 2; stony hardon 134; brown clay 142; grey hardon 150; brown clay 178; brown shale 182. Water from
Con	x		19	F. Killing	B. Haskell	Jun. 1,1960	41/3	8	73	68	*	מ	179 to 182. Cley 12; sandy hardman 137; cley 158; sand 168; cley 184; sand clean gravel 200. Weter at 200.

	XFORD COUNT East Zorra												
,	Con X		29		W. Burwell	Dec.31,1963	5	10	40	35	Fresh	D,S	Clay 60; boulders 80; gravel clay 150; gravel 170; rock 172.
	Con X		31	H. Hertzler	B. Haskell	Aug.8, 1960	41/2	12	50	31		D	Clay 23; soft blue clay 104; hardpon 116; soft clay 189; limestone 194. Water at 194.
	Con XI	*	4	Woodstock PUC		Sep.25,1963						T 5-63	Topsoil 2; soft clay gravel sand 23; soft clay gravel 33; broken gravel clay 44; limestone.
	Con XI	н	4	**	Water Supply Ltd.	Sep.27,1963						6-63	Topsoil 2; clay gravel boulders 5; clay gravel 40; limestone 41.
	Con XI	и	4	*	**	Oct. 1,1963	1				Presh	T	Topsoil 2; clay gravel boulders 3; grey clay 17; coarse sand fine gravel clay 23; gravel sand clay 40; cemented gravel clay 45; limestone 46.
	Con XI	n	5	*	*	Sep.23,1963						T 4_63	Tonsoil 1; sandy clay boulders 3; zravel sand clay boulders 5; grey clay 13; clay zravel 39; limestone 45.
	Con XI	*	5	*		Oct. 3,1963						T	Tobsoil 2; clay 6; soft clay gravel 19; hard clay gravel cemented streaks 54; broken gravel clay camented streaks 79; limestone 86.
	Con XI	**	5	"	Ħ	Oct. 6,1963						T 10-63	Hard clay gravel 19; gravel sand clay 50; hard packed sand gravel clay 62; limestone 64.
	Con XI	**	6	E.G. Karn	K. McLeod & Sons	Cct.20,1960	5	6	70	60	Fresh	D	Clay 50; hardon stones 95; shale 98; wrey limestone 138. Water at 137.
	Con XI	10	6	C. Brooks	N. Steinman	Oct.24,1960	4	12	31	36	**	α	Clay 19; sand 26; brown clay 61; dirty gravel 73; brown clay 101; shale 102. Water at 102.
	Con XI	**	6	D. Tait	K. McLeod & Sons	Oct.27,1961	4	6	15	Flows		D	Brown clay stones 10; blue clay 27%; fine gravel 28. Water at 28.
335	Con XI Con XI	*	6	J. Johalsky G. Watling	G.C.Hussey & Son	Oct.22,1962 Jul.17,1963	5 4	5 20	35 45	35 10	"	D D	Brown cley 10; blue cley 50; hordon 75; gravel 70. Water at 79. Clay sand gravel 55; sand gravel 100; grey rock 104. Water from 96 to 98 and at 102.
	Con XI	10	7	D.D. Doering	Steinman & Baird	Jun.12,1963	4	8	45	26	**	D	Clay stones 47; gravel stones 62; grey clay 70; sand gravel 94; grey clay 93; gravel 96; sand 105; limestone 131. Water at 130.
	Con XI	*	8	C. Burlett	C.& H. Kerr	Apr.18,1961	5	30	55	38		P	Cley 4; sand clay 6; stony cley 30; brown clay 75; stony clay 86; shale 89; grey limestone 128. Weter at 114 and 128.
	Con XI	Ħ	12	D. Hart	Steinman & Baird	Jul. 4,1963	5	18	50	29	**	D,S	Brown clay stones 24; grey clay stones 46; sand 77; sand gravel 90; sand 107; limestone 119. Water at 118.
	Con XI	*	15	D. Smith	п	Oct.29,1963	5	12	130	50	**	D	Cley stones 37; gritty herdoon 21; grey clay 94; gritty herdoon 115; dirty gravel 123; gritty herdoon 142; limestone '44; grey brown 11 mestone 230. Water from 165 to 230.
	Con XI	и	34	H. Alles	Hadco WellDiggins	Nov. 4,1961	30	5	27	18	**	D	Topsoil 1; brown clay 17; brown fine sand 20; grey clay rocks 28. Water at 17.
	Con XII	m	4	P. Grant	G. Warren	Jan. 5,1960	5	5	60	30		D	Topsoil 6;gravel 32;clay stones 34;gravel 74;brown limestone 82;grey limestone 88. Water at 88.
	Con XII	**	4	E. Outhbert	N. Steinman	Oct. 4,1960	5	10	85	43		D	Fill 2;grevel heripen stones 27;brown clay 38;hardoen 102; hard grey limestone 107. Water et 107.
	Con XII	н	4	R. Dunn	K. McLeod & Sons	Apr. 7,1961	4	6	60	50		D	Brown clay 15; hardnen stones 87; grey limestone 90. Water at
	Con XII	a	4	B. Beadman	J. Stefan	Oct.16,1961	4	5	23	20		D	Coarse gravel 8; dirty fine sand 18; fine gravel 30; silty sand 41; hard clay 46; coarse gravel 47. Water at 46.
	©n XII	10	4	A. Perry	K. McLeod & Sons	Jan.18,1962	4	5	60	40	н	D	Brown cley stones 40; dirty grevel 60; hardnen 87; grey limestone
	Con XII	n	4	W. Payne	"	Feb.15,1962	4	4	60	30	•	D	Brown clay stones 40; dirty gravel 60; hardman 91; grey limestone 93. Water at 93.
	Con XII		5	Woodstock PUC	International Water Supply Ltd.	Oct. 9,1963						T 11-63	Topsoil 1; clay 5; sand gravel clay 7; clay sand gravel 43;
	Con XII	*	6	A.E. Mitchell	Steinman & Baird	Apr.27,1963	4	11	35	12	Fresh	D	Stony Herdren 20; clay stones 34; gravel stones 58; brown limestone 70. Water at 70.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	į i		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	T.PUPT.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY - Zorra Twp.		ont.	A R Witchell	Steinman & Baird	Apr.27,1963	4	11	35	12	Fresh	D	Stony hardwan 20; clay stones 34; gravel stones 58; brown
Con				D. Riley		Oct. 9,1963	4	11	40	4		D	limestone 70. Water at 70. Stony sandy cley 19; sendy gravel 43; gravel 52; brown
Con	XII		7	F. Sumsion		Jun.30,1962	4	14	34	25	in:	D	limestone 62. Water at 61. Gravel stones 55; clay stones 58; hardnen stones 76; gravel 83.
Con	XII	*	7	G. Roach	ee	Nov. 6,1962	4	10	30	22	*	D	Water at 83. Gravel stony clay 28; gritty clay 62; hardpan 74; dirty gravel
Con	XII		9	R. Jackson	B. Haskell	Sep.16,1960	43	6	48	40	•	D	Skicleen gravel 95. Water at 85. Clay 14;hratpan stones 85;hard gravel 106;brown limestone 131. Water at 131.
Con	XII		10	Hartholm Farms Ltd.	Steinman & Baird	Dec.11,1963	5	15	84	70	100.	D,S	Gravelly clay stones 49; sand 50; gritty clay stones 68; sand 69; gritty clay stones 88; sand 105; hardnen 117; limestone 126.
Con	XII	w	18	R. Pearson	•	Jan. 5,1962	5	15	13	12	•	D	Old dug well 12;gritty hardren 32;fine gravel 36. Water from 32 to 36.
Con		*	20 20	A. Henry S. Loveys	N. Steinman	May 22,1961 Jul.11,1961	5 4	12 15	15 22	7 15	:	D D	Brown clay 54; grey clay 68; gravel 70. Water from 69 to 70. Brown clay 39; gravelly hardon 80; clay 94; sandy gravel 134; shale 135, Water from 134 to 135.
Con	XII		21	L. Curran		Jun.28,1961	4	15	21	13		P	Fill 3; grey clay 54; sandy clay 91; dirty gravel 114; brown clay 120; grey limestone 124. Water at 123.
Con		**	27 30	R. Yausie M.C. Bender	Steinman & Baird Burwell&Ebenitski	Dec. 9,1963 Feb. 9,1961	7 3	15 15	25 15	13 13	*	D,S D,S	Stony clay gravel 28; gravel 30. Water at 30. Clay 30; clay stones 36; blue clay 100; gravel 125; gray rock limestone 129. Water at 129.
Con	XIII	**	6	M. Weir	E.B.Hussey	Feb.21,1961	4	8	45	38	*	D,S	Yellow clay stones boulders 50; sandy yellow clay streaks hardban gravel shelly rock 100; hard brown limestone 115, Water from 103 to 115,
Con	XIII	*	11	W. Hallock	Steinmen & Baird	Jan.25,1963	4	20	35	16	•	D,S	Fill 3; hardpen boulders 45; sand gravel 62; clay 70; sand gravel 119; greyish brown limestone 134. Water at 131.
Con	XIII		11	A. Luth		Apr.18,1963	4	9	30	10	•	D	Boulders stony hardpan 45; broken rock 46; grey brown limestone 66. Water from 63 to 66.
Con	XIII	•	14	L. Hallock	*	Мау 5, 1962	4	8	51	10		D,S	Brown clay 12; stony grev clay 38; grey hardoon 45; brown shale 63; brown limestone 78; mud 79; brown limestone 97. Water from 95 to 97.
Con	XIII		18	R. Carter	N. Steinman	Jul.15,1960	4	10	13	Plows		S	Dark clay 121; shale 124; brown limestone 143. Water from 140 to 143.
Con	XIII	99	20	S. Wilker	Steinman & Baird	Feb.18,1963	4	10	50	12		D,S	Brown clay 20; grey clay 62; grey hardpen 86; rock slat 92; send gravel 122; brown limestone 134. Water from 127 to 134.
Con	XIII	10	34	H. Kaufmen	N. Steinmen	Dec.11,1961	4	12	20	8	•	D,S	Brown clay 31; blue clay 63; dirty fine sand 96; hardman 114; brown shale 127; brown limestone 128. Water at 127 and 128.
Con	XIV	H	6	R. Hart	D. Ghent	Aug.11,1961	4	4	50	38	•	D	Brown clay boulders 14; blue clay 26; clay stones 44; hardnan
Con	XIV		15	I. Moyer	N. Steinman	Sep.27,1961	4	9	57	21		D,S	57;blue clay 97;grey limestone 102. Water at 102. Gritty clay 15;grey clay 41;stony hardoan 68;grey limestone layers 94;hard grey limestone 113. Water from 94 to 113.
Con	XIA		35	W. Wilker		Apr.19,1961	4	12	3?	4		D,S	Brown clay 12; grey clay 79; harden 128; rock slabs 136; brown limestone 143. Water from 132 to 143.
Con	XA	**	5	J. Thornton	Steinman & Beird	Sep.17,1962	4	8	68	4		D,S	Sandy losm 9; grevel stones clay 35; herdoan 63; gritty grey clay 75; brown limestone 101. Water at 100.
Con	XV		11	C. Scott		Jun. 7,1962	4	7	35	23	*	D,S	Stony brown clay 12; stony grey clay 29; grey clay 37; brown limestone 46; herd grey limestone 67. Water from 44 to 67.
Con	XV	**	12	T. Qurrah		Aug. 4,1963	5	17	41	16	*	D,S	Sandy gravel clay 42; broken limestone 45; grevish brown limestone 51. Water from 48 to 51.
Con	XV	*	13	K. Matheson	*	Sep. 4,1962	4	10	49	21	*	D,S	Gritty clay 17;gravel stones 31;grey clay 57;grey shale 61; grey limestone 67. Water from 65 to 66.

		O COUNTY -												
	Con	Zorra Twp.			F. Smith	Steinmen & Baird	Tun 2 1062	h l	8	45	35	Fresh	D,S	Gritty red clay 36;hardpen 52;grey clay 66;sand 71;grey
								7				Lican		limestone 96. Water at 96.
	Con	XV		22	G. Zehr	Hadco WellDiggin	Nov. 9,1962	27 2	2	31	28		ם	Topsoil 1; brown sandy clay 3; brown hardpan 12; blue clay 20;
	Con	xv		28	S. Jutzi	N. Steinman	Sep. 1.1961	L.	8	30	13		D,S	gravel 31; Water at 28. Brown clay 44; cemented gravel 47; gritty grey clay 100; dirty
	-0.1				J. 54001		-500 1,1701			,,,	-7		-,-	gravel 117; limestone 119; dirty gravel 120; limestone 122;
													× 1	dirty gravel 125; limestone slabs dirty gravel 129; brown limestone 152. Water from 148 to 152.
	Con	XV	*	33	L. Zehr	Steinman & Beird	Aug. 1,1963	4	15	32	16		D,S	
												19		layers broken rock hardoan 150; greyish brown limestone 168.
	Con	XV		35	A. Yantzi	Had coWell Diggins	Feb. 6.1961	30	50	42	13		D	Water from 161 to 168. Topsoil 1; brown clay 14; blue clay 24; gravel 25; hardban rocks
									-			_		38:gravel sand 42:blue clay 43/ Water at 38.
	Con	XV		35	K. Gimbel	Steinman & Baird	Jun.26,1963	4	14	33	14		D,S	Brown clay 16; hardwan 28; grey clay 38; fine dirty sand 40; grey clay fine sand 140; greyish brown shale 250; grey
														limestone 170. Water from 164 to 170.
	Con	XVI		11	L. Seegmill	er •	Dec.10,1962	4	12	50	22	•	D,S	Stony gravel 28; brown clay stones 33; grey limestone 64; dirty shale 71; brown limestone 120. Water at 120.
	Con	XVI		11	A. Ross		Apr.22,1963	4	9	35	27	•	D.S	Previously drilled 55; grey limestone 82; brown limestone 95.
	•	WITT	_											Water at 95.
		XVI		12 23	E. Taylor D. Kaufman		Apr.17,1962 Aug. 4,1961	4	12 15	30 20	10		D,S	Stony clay 37; shale 41; brown limestone 53. Water at 53. Gritty brown clay 32; gravelly harden 72; brown limestone 74.
			_						-					Water from 72 to 74.
	Con	XVI		26	N. Steinman	N. Steinman	Jul.12,1961	5	6	26	10	•	D	Blue clay 3°; stony hardban 70; rock slabs 72; grey limestone 96. Water from 75 to 96.
33	Con	XVI		31	H. Limburg	•	Jun.22,1961	4	14	23	16	•	D,S	Sandy clay 21; grey clay 56; dirty gravel 65; gritty hardon 90;
-	Con	XVII			S. Chesney	National Pump	Apr.28,1962	h	7	40	30		D	grey rock 97. Water at 96. Brown topsoil 1; brown clay 9; hard grey limestone 22; medium
						& Water Supply					-			grey limestone 62. Water at 42 and 62.
	Con	X¥II		10	I. Beres	J.P. Vos	May 16,1961	4	7	20	19		D	Sandy loam 5; sand clay 22; hard limestone 38. Water at 34 and 38.
	Con	IIVX		10	S. Smith	N. Steinman	June 7,1961	4	15	30	25	×	D	Sandy clay 6; hordoon 26; brown shale 29; grey limestone 43.
	Con	XVII		10	G. McIntyre	Steinman * Beird	Mer. 6,1962	4	8	22	20		ם	Water at 42. Brown clay 6:brown shale 14:grey limestone 34. Water from 33
						occimient a bella		200					_	to 34.
		XAII		10 10	B. McIntyre Innerkip		May 31,1963 Nov. 1,1963	7	20 35	23 50	16 32		D P	Brown clay stones 28; brown limestone 53, Water from 42 to 53 Clay stones 17; layers shale clay of; brown grey limestone 69.
	-011	3711		10	Homesites		100. 1,190)		,,,		12		•	Water from 67 to 69.
	Con	XVII		11	L. Harmer	N. Steinman	Nov.17,1961	4	12	45	35	*	D	Sandy red clay 20; stony hardban 39; brown limestone 52. Water from 50 to 52.
	Con	IIVX	**	11	L. Thompson	D. Ghent	Nov.22,1961	4	5	19	18		D	Old dug well 22; grey limestone 38. Water from 35 to 39.
	Con	XVII	*	11	F. Peeters	National Pump &	Apr.12,1962	4	5	31	26	•	D	Losm fill 3; yellow clay boulders 21; limestone rock 32; hard
	Con	XVIII		12	J. Metor	Water Supply Steinman & Beird	Jan. 3,1963	4	10	31	16		D.S	limestone 40. Water from 32 to 38. Gravel clay 30; sticky grey clay 35; soft brown limestone 57.
		WITTT	-		0 Y	N 01				-	40		D 0	Water at 57.
	con	XVIII	-	30	C. Kuntze	N. Steinman	May 30,1961	4	12	23	13	-	D,S	Brown sandy clay 15; grey clay 58; hordban 7°; dirty gravel 80; brown clay 81; dirty gravel 103; grey limestone 112; brown
	~		_		- B	1 -								limestone 126. Water from 112 to 126.
	con	XVIII	-	35	C. Bender	_	Apr.29,1960	4	12	30	8	-	D,S	Clay 9; clay big stones 22; clay sand 64; clay 121; limestone 145 Water from 141 to 145.
	Con	XAIII		36	M. Witzel	Steinman & Baird	Dec.5, 1963	4	12	74	33		D,S	Brown clay 40; dirty fine sand 99; hardoan 125; clay 144; broken
														rock clay sand 162; grey brown limestone 173. Water from 171 to 173.
					100									0.0191

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TEUET	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY -cont. Embro Village Embro Vig.	C.A. Campbell	E.B. Hussey	Apr.14,1961	4	8	60	58	Fresh	D,S	Sandy loam streaks 17; quicksand sandy bluish clay streaks file fine sand 55; shell rock gravel fine sand 67; sandy brownish clay 100; streaks shall rock gravel small stones 117; soft brown
Embro Vlg.	J. Greham	K. McLeod & Sons	Dec. 3,1963	5	6	18	14		D,S	brown broken limestone 124; hard brown limestone 140. Water from 124 to 140.  Brown clay 12; coarse gravel stones 40; hardban stones 95; gravel 97. Water at 97.
Ingersoll Town Ingersoll Town Ingersoll Town	Boy Scout Camp G. Shelton	K. McLeod & Sons	Aug. 9,1960 Aug.16,1961	41	6 5	15 55	15 45	Fresh	P D,S	hardpen 107; grey limestone 113. Water at 113.
Ingersoll Town Ingersoll Town	Ingersoll PUC	International Water Supply Ltd.	Jun.26,1962 Jun.28,1962						T 2-62	Sand gravel boulders clay 5; brown clay 8; gravel and boulders 12; sandy blue clay gravel boulders 69; gray limestone 71. Black muck 4; gray brown clay 6; coarse gravel boulders sand 14 blue clay 29; coarse gravel boulders clay 36; boulders gray
Ingersoll Town	•	•	Jul. 3,1962 Jul. 9,1962	2	30	17	12	Fresh	T	clay gravel hard packed streaked 39; sendy clay gravel hard packed 59; coarse gravel sand boulders 65; sandy clay gravel hard packed 70; comented sand gravel 72; sandy gray clay gravel 83; brown limestone 87.  Brown clay 3; boulders gravel sand clay 15; sandy blue clay gravel boulders hard packed 51; sand gravel boulders 54; brown clay sand gravel hardbacked 70; brown limestone 72.  Sand 9; coarse gravel sand boulders 17; brown sandy clay gravel boulders hard packed 23; sandy blue clay gravel houlders 48; sandy blue gray clay gravel streaks hard packed 71; coarse gravel sand boulders 77; sandy blue clay gravel hard packed 80; broken limestone 83.
North Norwich	R. McLellan	E.Hoover & Sons	Jan.13.1961		3	15	12	Fresh	D.S	Topsoil 2;gravel sand 50;brown limestone 53. Water at 53.
Con I 6	F. Cohoe V.A. Waud	K. McLeod & Sons	Apr.25,1962 Mar.30,1961	5 5 4	3 5 5	30 14	20	* 1651	D,S D,S	Clay 20; clay stones 40; gravel stones 74. Water from 70 to 74. Brown clay 14; red sand 25; blue clay 40; sand 70; gravel 72.
Con I * 8	G. Melcolm	J. Stefan	Aug. 15, 1961	4	10	55	11		ت	Water at 72. Soft sandy clay 18; hard gravelly clay boulders 66; dirty gravel 73; medium clean gravel 75. Water at 73.
Con I 8	G.J. Hill P. McCurdy	E. Hoover & Sons K. McLeod &Sons	May 9,1962 Jul.17,1962	5 <sup>1</sup>	6	35 25	20 15	* Sulphur	D S	Clay 10; clay sand 40; stones clay 67. Water at 67.  Brown clay 15; blue clay 50; hordban 90; white limestone 84.
Con I " 11	L. Buckrel	E. Hoover &Sons	Dec,20,1963	5	3	26	15	Fresh	D,S	Water at 84. Topsoil 5; oley boulders 45; clay gravel 90; gravel sand 91.
Con I 13	B. Pewster	G. Warren	Nov.14,1960	5	5	55	52	•	ם	Water at 90. Clay stones 27;dirty gravel 51;sand 68;dirty gravel 79;fine
Con I " 1b	D. Myers J. Schaafsma A. Gilmour	E. Hoover & Sons	Jan.10,1961	5 5 5	10 3	20 20	17 15 Plows	:	ם נים	gravel 106; gravel 107. Water from 78 to 107. Clay stones 20; clay 32; gravel 33. Water from 32 to 33. Tonsoil 2; blue clay 59; sand 60. Water at 60. Tonsoil 2; blue clay 115; gravel 130; brown limestone 135. Water at 135.
Con I 14	B. McMillen	J.H. Wegver &Son	Aug. 4,1962	1	8		5	•	N	Open pit 5; coarse gravel 20. Water at 5.

No	rth N	OUNTY _	Twp.	con	it.		1 1	·		r i	i 1	1 1		
	on I		lot	14	G. Malcolm	E. Hoover & Sons	Oct. 5,1963	5 <del>1</del>	3	35	25	Fresh	D	Stone clay 40; stone gravel 80; sand 105. Water from 80 to 105.
Ċ	on I			15 ?2	A. Watt J. Zelich	G. Warren	Dec. 2,1960 Sep. 7,1962	5	3 20	18 16	12 10		D D	Topsoil 1;blue clay 43;sand 44. Water at 44. Clay stones 21;dirty gravel 32;coorse sand 35. Water from 32 to 35.
(	on II	i		2	H. Proper	E. Hoover & Sons	Jul.17,1962	5	Ц	20	18		D,S	Clay 12; red sand 28; blue clay 64; sand gravel 68. *ater from 64 to 68.
0	on II			9	A.J. Height		Nov.26,1963	5	3	40	30	*	D,S	Topsoil 5; red clay 30; blue clay 40; clay stones 92; brown
(	on II			12	G. Smith		Nov. 6,1963	5	3	28	28		D,S	limestone 94. Water at 93. Topsoil 5; red clay 25; blue clay 61; gravel sand 62. Water at
0	on III on III on III on III on III on III on III			14 14 14 14 14 14 14		G, Warren E. Hoover & Sons K. McLeod & Sons	Feb. 10, 1961 Feb. 12, 1961 May 12, 1961 Oct. 4, 1961 Jan. 24, 1962 Jul. 26, 1962 Aug. 26, 1963 Jun. 30, 1960	5555555555	3 5 3 3 5 3	12 20 25 28 50 25	Flows 5 12 20 10 12 15 Flows	Sulphur Fresh	D P D D D	61. Topsoil 50; blue clay 90; sand 120. Water at 120. Topsoil 2; sand 38; gravel 39. Water at 39. Topsoil 2; sand 38; gravel 39. Water at 39. Topsoil 2; red clay 39; sand 40. Water at 40. Clay 20; stones clay 35; gravel sand 40. Water at 35. Topsoil 3; clay boulder 70; clay stones gravel 112; brown livestone 121. Water at 121. Yellow send clay 18; yellow sand gravel 28; grav clay 52; coarse sand 55. Water from 51 to 55. Clay stones 20; clay stones sand 40; clay boulders 45; clay stones 65; gravel stones 72. Water from 65 to 72. Stony brown clay 30; blue clay 70; broyen stones 112; grav
	on II			15	School Area F. Samways	P.V.K.&Sons Soil	Oct.27,1960	11						limestone 135. Water from 125 to 135.  Brown clay 8; blue silt 28; stony blue clay 40. Dry hole.
333	on II			15		Testing E. Hoover & Sons	Oct.31,1960	5	3	50	20	Fresh	P	Topsoil 1; blue clay 56; sand 57. Water at 57.
0	on II on II on II on II		:	15 15 21 25	School Area F. Samways G. Barker R. Lee H.A. Harvey	" K. McLeod & Sons G. Warren	Nov. 2,1960 Sep.11,1961 Jul.11,1960 Aug. 1,1962	5 5 5 5	3 5 6 10	35 14 40 14	20 12 30 6	:	D D D,S	Topsoil 2; blue clay 37; sand 38. Water at 38. Brown clay 20; stones gravel 45. Water from 20 to 45. Blue clay 80; hardpen 94; sand 93; fine gravel 100. Water at 98. Yellow sand 7; fine gravel yellow sand 28; coarse sand 35. Water from 28 to 35.
(	on II		100	26	R. Pearson	•	Dec. 5,1960	5	10	115	90		D,S	Clay 11:clay stones 24:dirty gravel 117:fine gravel 150:soft
	on II on II			26 27	L.Brakenbury C. Wilson	*	Oct.11,1961 May 3, 1963	5 5	7 10	45 80	40 78		D,S D,S	gravel 190; rock 250. Water from 145 to 150.  Tay stones 20; bit gravel 33; sand 60. Water from 33 to 60.  Yellow clay 13; sand stones 18; grave clay 42; bit gravel 90; sand silt 155; grave clay 175; gravel 190; fine gravel 196. Water from 190 to 196.
(	on II	I	×	3	E.C. Haight	E. Hoover & Sons	Jul.30,1962	51	3	35	32		D,S	
Ċ	on II on II	I	*	8	J.S.Phillips H. Peterson	•	Jul 12,1961 Sep.23,1963	5 51	3	25 25	20 25	:	D D	Clay 50;gravel sand 73. Water at 73. Blue clay 40;sand gravel 60;clay gravel 89;gravel sand 90. Water from 89 to 90.
(	on II	I	*	8	R. Casler	•	Dec. 6,1963	5	3	25	20	•	<b>D,</b> 5	Sand 30; blue clay 65; clay boulders 72; brown limestone 75. Water at 74.
(	on II	I		10	D. Carroll	R. Hodgson	Apr. 6,1962	5	72	77	33	Sulphur	D,S	
0	on II on II	I I		17 23	K.S.Hamulecki H. Tattersall	E. Hoover & Sons G. Warren	Jun.23,1961 Oct.17,1960	5 5	3 10	20 35	15 20	Fresh Sulphur	D,S D,S	Clay 20; sand 40; stone clay 107. Water at 107. Clay losm 18; red sand 25; butty sand clay gravel 72; gray clay 75; clay gravel 110; soft clay 14; clay gravel 154; gravel 155.
-	on II on IV			24 7	R. Bockett W.O. Snyder	K. McLeod & Sons E. Hoover & Sons		5 <del>1</del>	4	65 35	30 30	Presh	D,S D	Water from 154 to 155. Brown clay 15; blue clay 100; hardpan stones 160. Water at 160. Clay 20; clay etones 40; blue clay 65; gravel sand 75. Water from 65 to 75.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

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	LOCATIO	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Mort	D COUNTY -	Two.	cont	A. Hanson	V W T						_		
	IA		18		K. McLeod & Sons	Dec. 12, 1963	5	5	65	50	Fresh	D,S	Brown clay 15; blue clay 60; sand 65; hardban stones 113; fine gravel 114. Water at 114.
1100000					E. Hoover & Sons	May 1,1961	5	3	25	50		D,S	Topsoil 3; clay stones 12; silt sand 25; blue clay 55; grovel 106; Water at 106.
	IV		19	C.R. Bertrand		Anr.12,1961	5	3	23	20		D,S	Topsoil 2; clay stones 25; silty sand clay 60; blue clay 7°; sand gravel 82. Water at 82.
	IV		24 27	H.VanNuland I. McIntyre	E. Hoover & Sons	Jun.12,1962 Dec.30,1960	5	3	60 20	53 12		D,S N	Brown clay 15; blue clay 50; gravel 63. Water at 63. Topsoil 3; red clay 10; blue clay 30; silt 55; gravel 56. Water
Cor	IA	•	28	C, Pewster	G. Warren	Aug.23,1960	5	5	65	56	•	D,S	at 56. Clay 27;gravel 35; clay stones 72; dirty gravel 77;gravel 79.
Cor	V	*	5	S. Nott	E. Hoover & Sons	Peb. 7,1962	5	3	30	28		3	Water at 79. Topsoil 1;grey sand 20;hord cemented sand gravel 47;gravel 49. Water at 49.
Con			6	J. Moore P. Filipovits	G. Warren	Júl. 6,1961 May 11,1963	5	3 10	35 55	25 47		D D	Clay 20; stones clay 55; send gravel 60. Water at 60. Yellow clay boulders 11; bit gravel 23; grey clay 34; gravel 47;
Con	V	•	7	PollardsDairy	K. McLeod & Sons	Nay 6, 1963	6	8	26	20		D,S	Stones 72. Water from 71 to 72.  Brown clay 10; blue clay 30; dirty gravel 57; clean gravel 59.
Con	V		19	D. Sackrider	* 1	Mar.25,1963	5	6	55	50	Sulphur	D,S	Water at 59. Brown clay 20; blue clay 45; blue clay sand bars 60; blue clay
Con	¥	•	20	E. Pritchard	E. Hoover & Sons	Dec.28,1960	5	3	15	9	Fresh	D,S	150; white hardon 152; limestone 160. Water at 160; Topsoil 3; red clay 8; blue clay 25; fine sand 40; blue clay 73;
Con	V		50		*	Peb.28,1961	5	6	18	9	Sulphur	D,S	gravel 75. Water at 75. Previously drilled 75; blue clay stones 151; brown limestone
Con	V	•	2?	Newark United Church	K. McLeod & Sons	May 20,1960	4½	6	16	15	Presh	P	155. Water at 154. Blue clay 87;grovel 88. Water at 87.
Con	V		23	R. Sims	•	Nov.16,1960	5	6	30	24	-	D	Blue clay 100; hardman stones 122; brown limestone 122. Weter st 126.
Con	VI		3	E.K.Vanden- berghe	P.V.K.& Sons Soil Testing	Jul.14,1962	5	8	17	17	•	Ir	Topsoil 1; sand 24; sand stone 46. Water at 17,
Con	AI AI			J. Pathy L. Miller J. Shetler	R. Hodgson W. Burwell G. Warren	Jul. 16, 1962 Nov. 7, 1963 Apr. 5, 1960	5 5	60 5 10	30	14 25		lr S N	Clay 3; sand clay 14; sand 25. Water from 18 to 25. Clay 30; stony clay 45; gravel 54. Water at 54.
	VI		21	. ollecter	E. Hoover & Sons	Oct.12.1961	5	3	29 45	7 35	Sulphur		Clay 6; loose gravel 20; gravel sand boulders A1; sand 92. Water from R1 to 92.
Con	VI		22	Menonnite		Sep.6, 1963	5	3	60	45	Fresh	P	Hardman 20; red clay blue clay 136; gravel sand 137. Water at 135. Tonsoil 3; mucky dirt 5; red clay 25; blue clay 24; gravel sand
Gor	e		53	School A. VanTorre	S. DeGrost	Apr.21,1960	1	6	00	18	*1694	D	Park loam 1; yellow sand 5; gravel 25. Water at 18.
					-	×							

340

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL		KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY -		t.										
Con I	Oxford T	wp. lot	1	G. Collins	K. McLeod & Sons	May 27,1963	4	16	20	7	Fresh	D	Brown clay 20; sand 23; hardnan stones 95; grey limestone 100.
Con I			2	H. Patience	*	Nov.17,1961	4	4	110	60	•	D,S	Water at 100. Brown clay 10; dirty gravel 25; hardban stones 106; grey
Con I			4	L. Hutchinson	•	Sep. 1,1960	5	5	55	35		D,S	limestone 160. Water et 148. Brown clay 20; hardoan stones 120; white hardoan 125; limestone
Con I			5	R. Larder	National Pump &	Dec. 7,1963	4	7	45	45	•	ם	177. Water from 150 to 177. Brown clay 15;grey clay 60;hardban toulders 107;ouicksand
Con I			9	S. Noncekivell	Water Supply K. McLeod & Sons	Aug. 7,1962	4	6	35	20		D,S	115; grey hardoan 117; fine gravel 126. Water at 112 and 118. Brown clay stones 20; blue clay 40; hardoan stones 75; gravel
Con I		•	20	M. Armstrong &		Aug.15,1960	4	4	145	140		D	sand 88; white limestone 110. Water at 110. Previously drilled 148; grey limestone 170. Water at 168.
Con I		•	20	K. Nadelin A. Crawford	N. Steinman	Dec.16,1960	4	5	130	118	*	D	Brown clay 59; hardran stones 122; brown arey limestone 146.
Con I			24	L. Beckhar	K. McLeod & Sons	Dec.12,1960	4	6	65 80	60		C	Water from 135 to 146. Stony hardman 131; shale 132. Water at 132.
Con I			25	w.	Steinmun & Beird	May 11,1963	4			70		D	Clay stones 55; hardnen 64; sendy clay °9; brown limestone 114; dark brown limestone 130. Weter at 130.
Con I			27	M. Sutherland	K. McLeod & Sons	Mer.19,1962	4	6	68	68	•	D	Brown clay 15; dirty gravel stones 65; hardoon 140; white hardoon 148; grey limestone 150. Water at 150.
Con I			27	B. Amos	•	Apr. 5,1962	4	6	58	58	•	D,S	Brown clay 15; dirty gravel stones 65; hardban 142; limestone 144. Water at 143.
Con I			29	J.E. Brandow	•	Sep. 6,1961	4	4	30	15	•	D	Gravel stones 14; blue clay 25; hardnen 34; grey limestone 60.
Con I	I	**	1	G. Millson	E.B. Hussey	Oct. 3,1962	4	5	37	16	•	D	Old dug well 16; hordnen 55; gravelly hardnen 62; gravel. Water from 55 to 62.
Con I	I	•	1	K.W. Millson	•	Dec. 3,1962	4	5	55	12	*	D	Old dug well 20; sendy clay 45; herdeen 50; herdeen stones 55; herdeen 74; small boulders 78; herdeen stones 77; grevelly herdeen small stones 92. Water from 90 to 92.
Con I		**	3	A. Blashill	K. McLeod & Sons	Oct. 9,1963	4	5555	25 27	6		D	Brown clay 10; blue clay stones 69; gravel 70. Water at 70.
Con I			7	D. Dibble I. Howe		Oct.11,1962 Sep.14,1960	4 5	2	27	22 18		D,S	Brown clay 20; hardman PO; gravel 83. Water at 83. Brown clay 25; hardman stones 94; gravel 96. Water at 96.
Con I			13	Dunn Bros.	•	Mar.18,1961	43	5	25 23	5	•	D,S	Brown clay 17; blue clay 25; hardnen 60; grey limestone 100.
Con I	I	•	14	A. Goncharenko	•	May 31,1961	5	6	60	28	•	D,S	Brown c'ay 12; blue clay 35; hardnan 82; limestone 97. Water at
Con I	I	*	22	W.R. Henderson	•	Dec.30,1963	5	6	70	30		D,S	Gravel 20; houe clay 40; hordpan stones 67; rravel 68; hardpan stones 92; limestone 152. Water at 95 and 150.
Con I	II	•	10	R. Paton	•	Jul.25,1961	4	6	45	30	•	D	Brown cley 17; grey clay pebbles 45; hardnen stones 100; grey limestone 105. Water at 105.
Con I	II		11	C. Milner	•	Peb.25,1961	5*	5	28	26	•	D,S	Brown cley 15; blue cley 45; hardnen stones 10°; grey limestone 120. Water at 118.
Con I	11		11	K. McLeod	•	Apr.20,1961	5.	6	26	20	•	D	Brown clay 10; gravel stones 80; gray limestone 83. Water at 83.
Con I	V	W	8	P.J. Molner	E. Stewart	Oct.2, 1962	5	5	115	100		D,S	Tellow clay 20; yellow clay hard heads gravel mixture 118; hard blue clay 123; 11 oht grey limestone 155. Water at 133 and 155
Con I			9 13	B. McDermott Ingereall PUC.	K. McLeod & Sons International Water Supply Ltd.	Nov.25,1960 Jul.26,1963	4 12	6 490	P0 77	75 421	*	C T	Hardon stones 110; grey limestone 193. Water at 111. Tonsoil 1; coerse sand 19; clay gravel 24; broken limestone 33; brown limestone 38; grey limestone 124; brown limestone 164; grey limestone 125.
FND C	on I	*	21	D. Hossack	K. McLeod & Sons	Nov. 1,1961	6	50	62	55		P	Old well 92; prev limestone 252. Water et 104, 132, 155, 190, 235, 239, 245, and 250.
FND C	on I	•	22	H. Beaty	*	Oct.19,1961	8	70	80	55		D,S	675, 639, 649, 840, 850. Grevel string 37; grey limestone 250. Water from 80 to 120, 150 to 170 and from 220 to 250.

PND Con.7 " 20 " " Aug.16,1962 T Sandy low 6; send fine gravel 10; coarse gravel 15; coarse gravel and sandy clay 20; coarse sand fine gravel 33; coarse gravel sand 41; sandy clay gravel 43.  FND Con V " 20 " " Aug.17,1962 T Sandy low 8; sendy clay gravel 14; coarse gravel 14; coarse sand fine gravel 23; coarse sand gravel 23; coarse sand gravel 36; fine stly sand 40.		JABOB.	י מי	COLINTY	- 00*	.+										
PND Con IV							1									
FND Con IV		FND	C	on I	lot	23		K. McLeod & Sons	Oct. 9,1962	4	4	70	12	Fresh	D	limestone 75. Water from 70 to 75.
PRD Con IV		PND	) C	on IV		8	M.B. Skinner	•	Sep. 2,1963	4	5	90	75	"	D,S	Brown clay 16; blue clay 40; hardpan stones 108; limestone 116.
### Aug. 3,1963 5 5 45 22 Sulphur 9,5 Brown clay gravel 25; Silve day stands and the same fished Pair FUD Con V		FND	Co	on IV		20	E. Brown	**	Jun.29,1963	6	6	35	20	н	In	
FIED Con V   19		PND	Co	on IV	**	24	C. Waring	п	Aug. 3,1963	5	5	45	22	Sulphur	D,S	Brown clay gravel 25; blue clay 55; hardpan stones 68; shale 71;
FND Con V		FND	) Co	on V	*	19	London PUC		Мау 18,1962	10					T	Topsoil sand 4: cemented sand fine sand 10: compact sandy clay
PND Con V		FND	) C	on V	**	19	*	н	May 24,1962		.				T	Topsoil 1; brown clay 5; sand gravel boulders clay 12; clay
FND Con V		FND	) C	on V	н	19	*	"	Мау 26,1962						т	Topsoil 1; sandy clay 3; clay boulders 8; clay 12; sand gravel boulders 15; sandy clay 20; clay gravel hard boulder 52; gravel
FND Con V " 19 " " Jun.19,1962  PND Con V " 20 " " Jun. 1,1962  FND Con V " 20 " " Jun. 1,1962  FND Con V " 20 " " Jun. 6,1962  FND Con V " 20 " " Jun. 8,1962  FND Con V " 20 " " Jun. 8,1962  FND Con V " 20 " " Jun. 1,1962  FND Con V " 20 " " Jun. 1,1962  FND Con V " 20 " " Jun. 1,1962  FND Con V " 20 " " Jun. 8,1962  FND Con V " 20 " " Jun. 1,1962		FND	) Co	on V	*	19	₩.	in	Jun.18,1962						T	Topsoil 1; sandy clay 5; boulders 6; sand gravel 25; gravel boulders 27; silt sand gravel 35; blue clay 44; clay boulders
### PND Con V		FND	0 00	on V	**	19	n	"	Jun.19,1962						T	Topsoil 1:sandy clay 7; clay sand gravel 13; gravel rusty colour boulders 22; soft brown silty clay 44; blue clay 50;
## PND Con V		FND	0	on V	11	19	m	m .	Sep.20,1962						T	Topsoil 2; soft yellow clay streaks sand 7; dirty gravel 36;
### FND Con V	343	FND	) C	on V	*	20	*		Jun. 1,1962	1			6	Fresh		Topsoil 4; sand wood 7; sand gravel 13; black muck 15; silt fine sand 20; silt sand gravel 41; blue clay 47; clay boulders 58;
FND Con V " 20 " " Jun. 8,1962 Jun.11,1962 Jun.11,1962 Jun.11,1962 Jun.11,1962 Aug.14,1962 T Tosoil 3;gravel boulders 20;clay 36.  FND Con V " 20 " " " Jun.13,1962 Aug.14,1962 T Tosoil 3;gravel boulders 22;clay 23.  FND Con V " 20 " " " Aug.16,1962 T Tosoil 3;gravel boulders 22;clay 23.  FND Con V " 20 " " Aug.16,1962 T Tosoil 3;gravel boulders 22;clay 23.  FND Con V " 20 " " Aug.17,1962 T Sandy loam 8;coarse gravel 39;coarse sand fine gravel 10;coarse gravel 33;coarse gravel sand 41;sandy clay gravel sand 41;sandy clay gravel sand 41;sandy clay gravel 32;coarse sand fine gravel 14;coarse gravel 32;coarse sand fine gravel 32;coarse sand gravel 36;fine silty sand 40.  FND Con V " 20 " " Aug.21,1962 T Sandy loam 6;coarse gravel 13;silty sand 18;fine gravel coarse sand 27;coarse gravel 13;silty sand 18;fine gravel coarse sand 27;coarse gravel sand 40.  FND Con V " 20 " " Aug.28,1962 T Sandy loam 6;coarse gravel sand 40.  FND Con V " 20 " " Sandy loam 8;coarse gravel 33;coarse gravel sand 40.  FND Con V " 20 " " Sandy loam 6;coarse gravel sand 40.  Sandy loam 7;coarse gravel sand 40.  T Sandy loam 8;coarse gravel sand 40.  T Sandy loam 9;coarse gravel sand 40.  T Sandy loam 9;coarse gravel sand 40.  T Sandy loam 6;coarse gravel sand 40.  T Sandy loam 8;coarse gravel sand 40.  T Sand		FND	) Q	on V	**	20	*	**	Jun. 6,1962						т	Topsoil 1; sand wood 4; sand boulders 12; silt 27; soft clay 30; sharp gravel boulders 36; gravel 40; clay 47; clay boulders 57;
PND Con V		FND	0 0	on V	11	20	п	н	Jun. 8.1962						T	
FND Con V		FND	0 0	on V	н	20	H	*	Jun.11,1962						T	Tonsoil 3;gravel 12;silt 21;boulders 26;clay 36.
Coarse sand fine gravel 34; coarse gravel coarse sand 40; sandy clay gravel 42.  The sandy clay gravel 42.  The sandy clay gravel 42.  The sandy clay gravel 43.  The sandy clay gravel 45.  The sandy clay gravel 45.  The sandy clay gravel 46.  The sandy clay gravel						20		**								Topsoil 3;gravel boulders 22;clay 23.
FND Con V 20 " Aug.16,1962 " Aug.17,1962 " Aug.17,1962 " Aug.17,1962 " Aug.17,1962 " Aug.17,1962 " Aug.20,1962 " Aug.20,1962 " Aug.20,1962 " Aug.20,1962 " Aug.20,1962 " Aug.21,1962 " Aug.21,1962 " Aug.21,1962 " Aug.21,1962 " Aug.21,1962 " Aug.28,1962 10 307 26 6 Fresh Topsoil 1; coarse gravel 36; sand gravel 37; sand y loem 6; coarse gravel 38; sand 27; coarse sand fine gravel 38; sand 27; coarse sand fine gravel 38; silty sand 40.  FND Con V 20 " Aug.28,1962 10 307 26 6 Fresh Topsoil 1; coarse gravel 37; silty sand 40.  FND Con V 20 " Aug.28,1962 10 307 26 6 Fresh Topsoil 1; coarse gravel 37; silty sand 18; fine gravel 28; coarse gravel 37; silty sand 40.  FND Con V 20 " Aug.28,1962 10 307 26 6 Fresh Topsoil 1; coarse gravel 37; silty sand 19; fine sand 25; sand gravel 28; coarse gravel sand 36; sand gravel 37; silty sand 19; fine sand 25; sand gravel 28; coarse gravel sand 36; sand gravel 37; silty sand gravel 28; coarse gravel sand 36; sand gravel 37; silty sand gravel 28; coarse gravel sand 36; sand gravel 37; silty sand gravel 28; coarse gravel sand 36; sand gravel 28; coarse gravel sand 36; sand silt 37.  FND Con V 20 " " Sep.12,1962 " Topsoil 1; sandy loem 1; fine sand fine gravel silt 23; gravel		FND	) C	on V	10	20	*	*	Aug.14,1962						T	coarse sand fine gravel 34; coarse gravel coarse sand 40; sandy
FND Con V " 20 " " Aug.17,1962		FND	) Q	V. no	"	20	н	"	Aug.16,1962						T	Sandy loam 6; sand fine gravel 10; coarse gravel 15; coarse gravel sand sandy clay 20; coarse sand fine gravel 33; coarse
FND Con V " 20 " " Aug.20,1962 T Sandy losm 6; coarse gravel 12; silty sand 14; fine gravel coarse sand 27; coarse sand fine gr vel 30; coarse gravel sand 38; silty sand 40.  FND Con V " 20 " " Aug.21,1962 T Sandy losm 7; coarse gravel 13; silty sand 18; fine gr vel coarse sand 31; coarse gravel sand 40.  FND Con V " 20 " " Aug.28,1962 10 307 26 6 Fresh T Sandy losm 7; coarse gravel sand silt 19; coarse sand fine gravel 32; coarse gravel sand silt 19; coarse sand fine gravel 32; coarse gravel sand 10; fine sand 25; sand gravel 28; coarse gravel sand 36; sand silt 37.  FND Con V " 20 " " Sep. 9,1962 T Topsoil 1; sandy losm 11; fine sand 6; coarse gravel sand 10; fine sand 25; sand gravel 28; coarse gravel sand 30; sand silt 37.		FND	o c	∨ по		20		н	Aug.17,1962						т	Sandy loam 8; sandy clay gravel 11; coarse gravel 14; coarse sand fine gravel 23; coarse sand fine gravel 32; coarse sand
## Aug.21,1962   ## Aug.21,1962   ## Aug.21,1962   ## Aug.28,1962   ## Aug		FND	) G	on V	*	20		п	Aug.20,1962						т	Sandy loam 6; coarse gravel 12; silty sand 14; fine gravel coarse sand 27; coarse sand fine gr vel 30; coarse gravel sand 38;
FND Con V 20 " Aug.28,1962 10 307 26 6 Fresh T Sandy loam 8; coarse gravel sand silt 19; coarse sand fine gravel 32; coarse sand gravel 37; silty sandy clay gravel 46.  FND Con V 20 " Sep. 9,1962 T Topsoil 1; coarse gravel sand 10; fine sand 25; sand gravel 28; coarse gravel sand 36; sand silt 37.  FND Con V 20 " Sep. 12,1962 T Topsoil 1; sandy loam 11; fine sand fine gravel silt 23; gravel		FND	C	on V		20	-		Aug.21,1962						т	Sandy loem 7; coarse gravel 13; silty sand 18; fine gr vel
PND Con V " 20 " " Sep. 9,1962 T Topsoil 1; coarse gravel sand 10; fine sand 25; sand gravel 28; coarse gravel sand 36; sand silt 37.  FND Con V " 20 " " Sep.12,1962 T Topsoil 1; sandy loam 11; fine sand fine gravel silt 23; gravel		FND	o	on V	*	20			Aug.28,1962	10	307	26	6	Fresh	т	Sandy loam 8; coarse gravel sand silt 19; coarse sand fine
FND Con V		FND	Q	on V	*	20			Sep. 9,1962						T	Topsoil 1; coarse gravel sand 10; fine sand 25; sand gravel 28;
		FND	o a	on V	•	20			Sep.12,1962						T	Topsoil 1; sandy loam 11; fine sand fine gravel silt 23; gravel

	LOCAT	ION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER?	Log and Remarks (Depths to which formations extend below the surface are given in feet)
North	Con V	Tw			International Water Supply Ltd.	Sep.14,1962	÷					T	Sandy loam 4;gravel sand 15;fine sand 20;coarse gravel 25; silty sand sandy clay 36;sandy clay gravel 46;cemented gravel
FND	Con V		. 20		-	Sep.21,1962	10					T	rock. Topsoil 3;gravel clay 20; coarse clean gravel boulders 26;
FND	Con V		<b>"</b> 20			Nov. 8,1962		451	27	5	Presh	T	silty send clay 30; grey clay 34. Topsoil 2; dirty sand roots 10; fine sand silty sand fine
PND	Con V		. 50		•	Nov. 9,1962				7		T	gravel clay 30; coarse sand gravel small boulders 42; clay 45. Topsoil 2; dirty sand gravel 10; coarse sand gravel 18; sand fine gravel 30; coarse sand gravel boulders 41; clay gravel
PND	Con V		* 20			Nov.12,1962						T 133-62	small boulders 42.  Topsoil 3;dirty sand gravel 10;sand gravel 30;coarse sand gravel boulders 41;clay gravel small boulders 42.
PND	Con V		. 50	**	•	Nov.13,1962	10				•	T	Topsoil 3; dirty sand gravel 10; sand fine gravel 25; sand gravel small boulders 30; sand gravel 43; clay sand gravel 45.
PND	Con V		• 20		•	Nov.14,1962					•	T	Topsoil 2; sand gravel 25; coerse sand gravel 30; coarse sand gravel boulders 40; clay gravel small boulders 42.
FND	Con V		<b>n</b> 20		•	Nov.15,1962					×	T	Topsoil 3; sand gravel 30; sand gravel boulders 40; clay sand
PND	Con V		* 21		•	May 29,1962	10					136-62 T 32-62	Toosoil 1; coarse gravel sand 10; cemented clay gravel 12; coarse gravel sand 21; silty sandy clay 38; clay gravel 46;
PND	Con V		<b>2</b> 1		•	Jun. 5,1962	10				•	T	cemented grovel 50;rock 52.  Topsoil wood 4;grovel clay 7; coerse grovel 10; boulders 12; sendy cley fine grovel 43;sendy cley fine grovel 48;rock.
FND	Con V		M 21			Jun.15,1062	5					T	Topsoil 1:sandy clay 4:gravel boulders 15:hardpan 26.
FND	Con V		<b>a</b> 21			Jun.21,1962	10					40-62 T	Gravel 12; fine gravel clay 25; cemented clay gravel 45; rock
PND	Con V		* 21		•	Sep.18,1962						r	47. Water at 2 Coarse gravel boulders 17; yellow clay gravel 19; grey clay
FND	Con V		* 22			Jun.12,1962	10		1			60-62 T	Topsoil 1; sandy clay 3; sendy clay fine gravel 20; fine gravel
FND	Con V		* 22	•	•	Jun.14,1962	10					T	clay 24; soft sandy clay fine gravel 34. Sandy soil 7; fine gravel sand clay 13; coarse gravel sand silt 17; sandy clay fine gravel 21; coarse gravel sand 33; soft sandy
FND	Con V		* 22		-	Jun. 18, 1962	10					T	clay 52; cemented gravel clay 53; rock. Water at 21. Topsoil sandy soil 5; fine gravel clay 14; coarse gravel sand
FND	Con V		* 22		•	Jun.26,1962	10			23			19; fine gravel sandy clay 43. Water at 14. Gravel sand 5; sand silt 12; gravel sand 42; gravel sand clay
FND	Con V		m 22		•	Jun.29,1962	10					47-62 T	45; cemented gravel 48; rock. Water at 12. Dirty gravel 4; sand silt 10; dirty gravel sand clay 38; sandy
FND	Con V		• 23		•	Jun.21,1962	5					T	clay gravel 47; cemented gravel sand 53; rock. Topsoil 1; sandy clay 4; sand 7; gravel boulders white clay 12;
FND	Con V		<b>#</b> 23	•		Jun.25,1962	5					T	cemented gravel boulders 32. Topsoil 1; sandy clay 4; gravel boulders cemented 10.
PND	Con V		<b>"</b> 23	•	•	Jul. 5,1962	10						Topsoil 1;se d %;sand fine gravel 16;sand 24;cemented coarse gravel 28;dirty fine gravel sand 30;clay fine gravel 48;rock 51.
South Con	Norwic' VII		p. lot 6	V.Vankerre- broeck	H. Wood	Oct.11,1962	5	10	20	21	Presh	D,S	Yellow sand 11; clay 20; coerse sand 29. Water from 21 to 29.
Con	VII		• 10		E. Hoover & Sons	Jan.25,1961	5	4	35	25		D,S	Topsoil 1; red clay 25; blue clay 88; gravel 90. Water at 90.

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		COUNTY -			s. 1	,				,				
	Con			21		E. Hoover & Sons	Мау 26,1960	5	3	25	20	Fresh	D	Topsoil 2; blue clay 120; clay stones 127; gravel 128. Water at 128.
	Con '	VII	#	24	R. Lapier	G. Warren	Feb. 4,1960	5	10	70	35		D,S	Yellow clay stones 20; grey clay 62; dirty gravel 90; fine gravel 91. Water at 91.
	Con '	VII	и	27	E. Monk	W. Burwell	Aug.17,1963	5	6	60	50		D,S	
	Con	VIII		2	R.Vuylsteke	R. Hodgson	Apr.15,1960	2	60		6		Ir	
	Con '	III	**	8	B.E. Strudwick	G. Warren	Feb. 7,1961	5	10	18	12	**	D,S	
	Con '	VIII	m	9	J. Vandeker- ckhove	•	Aug. 3,1961	5	8	35	24	Ħ	D,S	Yellow sand 26; grey clay 102. Water at 102.
	Con	VIII	**	11	Dalton Farm	•	Apr.26,1962	5	6	42	36	**	D,S	Yellow sand 36; gravel 37; clay stones 50; butty sand clay 70; grey clay 100; brown limestone 103, Water at 103.
	Con		"	15 21	W. Klemka S. Cooper	P.V.K. & Sons C. Norman	Jen.22,1963 Apr.16,1963	2 4	4º0 3	17 35	17		Ir D	Topsoil 2; send 38. Water at 17. Topsoil 2; send 38. Water at 17. Topsoil 2; soorse stone 6; blue clay 17; fine send 19; blue clay 59; medium sand 61. Water at 17 and 59.
	Con Con			8 9	F.&B. Church A. Belaen	R. Hodgson	Jul.12,1962 Jul.22,1963	2	100 60		14 6	**	Ir Ir	
	Con	IX	*	21	Springford Water Works	G. Warren	Nov.28,1962	7	12	79	40		P	Yellow sand 9; soft grey clay 31; hard red clay stones 39; crey
	Con	IX	10	23	W. Kiddie	**	Feb. 7,1961	5	10	85	75	•	D,S	
Ça.	Con :	X	n	9	A. Juhasz	•	Aug.31,1962	5	5	60	32		D,S	128. Water from 193 to 128.  Chen hole 16; yellow sand 27; white nutty sand 50; grey clay stones 62; putty sand 28; fine sand 26. Water from 78 to 86.
Ċ.	Con	X	n	10	A. & S. Sabo	E. Stewart	Jun.10,1960	7	30	22	18	Sulphur	Ir	
	Con		**	10 19	V. Szvesko E.M. Hicks	W. Burwell G. Warren	Apr.10,1963 Mar. 2,1960	5	10 2}	75 132	65 38	Fresh Sulphur	Ir D	Send 35; putty sand 110; clay 130; limestone 134. Water at 134. Yellow sand 20; putty sand 25; grey clay stones 45; soft grey clay 84; hard clay stones 121; soft clay 136; grey limestone 146-Water at 146.
	Con	X	**	19	R. Adlington	*	Mer.24,1960	5	5	100	65	Fresh	D,S	
	Con	X	**	20	O. Dennys	п	Jul.16,1960	5	7	40	36	Sulphur	D,S	Yellow sand 19; grey clay stones 126; limestone 127. Water at 127.
	Con :		**	21 26	R. Mason J. Desittire	G. Warren	Feb.20,1960 Sep. 9,1960	5 5	7 5	65 80	45 40	Fresh	D D	Clay stones 72;grey clay stones 91;gravel 95. Water at 95. Yellow clay 18;grey clay 83;nutty sand 85;grey clay 134;sand 138. Water from 134 to 138.
	Con		**	26	D.E. Cooper M.L. Cowan	W.E. Locker	Feb. 1,1962 Mer.16,1962	5 <del>1</del> 5	5 5 71	60 60	32 30	*	D D	Blue clay 92; coarse sand gravel 87. Water from 82 to 87. Blue clay 79; coarse sand gravel 84. Water from 84 to 87.
	Con	X	n	26 26	A. DeVos T.E. Messecar	W. Burwell	Aug. 1,1962 Aug. 30,1962	5	7½ 5	65 70	35 50	* Sulphur	D	Red clay stones 10; blue clay 70; gravel 75. Water at 75. Red clay boulders 20; blue clay 95; gravel 99; blue clay 151; grey limestone 156. Water at 156.
	Con	X		27	J. Martin	G. Warren	May 26,1961	8	520	110	63	Fresh	Ir	Yellow sand 16; fine sand 34; clay 54; dirty grovel 62; butty sand 85; coarse sand 98; hard clay 120; limestone 154. Water
	Con	x	**	27	V.Pinsonneault	C. Norman	Nov.20,1963	3	3	55	40		D	from 124 to 154. Topsoil 1; red clay 40; fine cond 60; blue clay 90; fine gravel.
	Con	XI	**	21	E. DeSutter	J.H.Wesver & Son	Apr.20,1962	1	8		18		Ir	
	Con	XI		21	A. Dillis	"	Jun. 2,1962	1	8		25	•	Ir	clay 26; blue nuicksand 30. Water at 18. Topsoil livellow sand 5; white sand 25; brown sand 31; blue clay 31%; blue sand 35. Water at 25 and 31%.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION	ı		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
XFORD COUNTY -				1			9					
South Norwich To Con XI 10			E. DeSutter	J.H.Weaver & Son	Apr.17,1962	1	4		18	Presh	ם	Topsoil 1; yellow sand 3; brown pebbles clay 11; white sand 14;
Con XI	. 5			W. Burwell	Sep.26,1962	5	5		200	Sulphur	מ	brown clay 18; blue quicksand 24. Water at 18. Sand 10; blue clay 20; butty sand 30; blue clay 106;
Con XI	. 51			J.H. Weaver & Son	Aug. 20, 1963	1			18	Fresh	מ	limestone 265; flint 357. Water at 357. Old well 19; blue putty sand 29. Water at 18.
	. 2		M. Smith	W. Burwell	Oct.26,1963		9	40	35	Sulphur		Clay 50: butty sand 70: clay 93: rock 84. Water at 94.
Con XI	. 2	7 .	J. Koteles	Burwell&Evanitski	Jun.10,1961	4	15	37	35 34	Presh	D,S	Sand 4: clay 30: butty sand 50: clay P9: gravel 94. Water at 94.
OOD ALL	. 5			J.H. Wesver &Son	May 16,1963		2 9 15 8		11		D, Ir	Open pit 4; white send 11; grey quicksend 20. Water at 11.
Con XII	. 1	, ,	P. Ösner		Apr.29,1961	1	8		15		D,Ir	Toosoil 1; yellow sand 5; white sand 15; brown suicksand 25. Water at 15.
Con XII	. 5	+   •	J.Gyulveszi	G. Warren	May 10,1960	5		146		Sulphur	N	Yellow sand 15; pebbles sand 33; grey clay 95; clay stones 114; derk limestone 146. Water at 146.
Con XII	<b>2</b>	7 1	W. Atkinson	J.H.Wesver & Son	Sep.21,1961	1	8		19	Fresh	۵	Topsoil 1; yellow sand 5; white sand 19; coarse sand 25. Water
Gore Con 10	3	1 1	E. DeDobbelser	G. Warren	Oct. 4,1961	5	5	33			D	at 19. Clay stones 18; butty sand 42; fine sand 48. Weber from 1/2 to
Gore	<b>"</b> 3		J. Eber	Burwell&Evenitski	Apr. 6,1961	5	10	33	25		D,S	48. Sand 10; clay 30; putty sand 80; clay 100; butty sand 110; clay
			1 101									130; white limestone 133. Water from 130 to 133.
Gore	- 4	,	E.VanDerSpieg- el	W.A. Belore	May 25,1961	1	5		14		Ir	Dark sand 3; red sand 7; gravel sand 16; coarse sand 34. Water at 16.
Gore '	* 4	7 1	D. McDonald	R. Hodgson	May 21,1960	2	50		5	•	Ir	Topsoil 2; yellow sand 9; clay sand 14; coarse sand 20. Water from 14 to 20.
Tillsonburg Town												
Tillsonburg Town	n										ľ .	AND 1
Tillsonburg Tor	KH		fillsonburg	G. Warren	Jan. 7,1960	5						Yellow sand 12; outty sand 25; soft clay 50; nutty sand 85;
		13	Pine &Supply Co				l					cley 105; butty sand 135; clay stones 144; brown limestone 224.
Tillsonburg To	Mil		Otter Valley		Feb.27,1960	5						Sand 27; clay stones 118; grey limestone 143. Dry hole.
			Corp	-		_	_			-		W-11
Tillsonburg Tor		0			Mar. 1,1960 Mar. 3,1960	5	5	30 30	10	Fresh	In In	Yellow sand 22; sand 28; clay 40. Water from 22 to 28. Yellow sand 20; sand 27; clay 38. Water from 20 to 27.
Tillsonburg To		1	F. Laleman	J.H. Weaver & Son	Apr. 24, 1960	5 5 2	5 7 13	90	30		ם ''ם	Topsoil 1; yellow send 4; white sand 30; white quicksend 40; blu
			181	_					-			clay. Water at 30.
Tillsonburg Tor			B. Farkas LivingetonWood	G. Vorman	Feb. 4,1961 Jul. 6,1961	63	8 18	42	25 26		D,Ir	Old open well 20; white sand 25; brown sand 35. Water at 25. Yellow sand 21; grey clay 53; sand 66. Water from 63 to 66.
TITINONCUTE TO	W II		Mfg.Ltd.	V. wallen	Jul. 5,1961	Oş	10	42	20		111	reliow sand vijerey cley 5); send co. while trank y) to be.
Till sonburg To	MAJ		Fillsonburg PUC	International	Apr.27,1962	2			5		T	Silt sand brown clay 8; silt sand 67; clay 81; grovel 89; hard
Tillsonburg To	wn		FOC W	Water Supply Ltd.	May 1, 1962					-	T	cley 102; cley gravel 123; rock. Sandy brown cley 10; silt fine sand 50; clay 80; gravel 83; clay
Tillsonburg To	۷n				May 4, 1962	2	50	10	2	Frech	6-62	grovel 94. Sendy clay 4; sand 12; brown clay 25; gr vel 27; clay grovel 48;
Tillsonburg To					May 10,1962	2			4		7-62 T	gravel 69; clay gravel 76; gravel 79; clay 80.
*TTTROHOUTE 10	m (1			1	ay 10,1902	-			7			Sandy clay 2; sand 10; brown clay gravel 27; gravel 29; hard clay 37; boulder 38; hard clay 49; gravel 71; gravel clay 77; gravel 7
Tillsonburg To	NT)	1	L. Prong	J.H. Weaver & Son	Jun. 26, 1962	1	8		50	Fresh	D.	clay gravel boulders 93. Tonsoil 1; yellow sand 9; white sand 20; brown sand 30, Water a
M111		1.		-								20.
Tillsonburg Tor			A. Coyle J. Bennet		Sep. 2,1962 Jul.11,1963	2	8		18		D	Topsoil 1; yellow sand 9; white sand 28; Water at 18. Open pit 3; yellow sand 8; white sand 14. Water at 8.
Tillsonburg To			W. Parkhill		Aug. 18, 1963	i	8		24		D D	Topsoil 1:yellow sand 4:white sand 24:brown sand 34. Water a
-						1						24.

	COUNTY -												
BF BF	xford Tw	lot		A.E. Slater R. Karn	K. McLeod & Sons	Sep,27,1960 Sep.28,1962	44	5 5	24 205	20 200	Fresh	D D	Grovel sand 25; limestone 35. Water at 34. Brown clay 10; dirty gravel stones 180; send 200; gravel 210.
BF		**	2	Dorland Sub-		Mar.17,1960	53	20	85	60		P	Water from 200 to 210.  Brown clay 20; hardpan stones 94; limestone 135. Water from 125
BF			4	Division R. Henry	Oxford Water Supply	Jul. 7,1962	4	5	28	25	•	D	to 135. Clay boulders 20;sand grovel cemented 30;grey limestone 44%. Water at 36 and 44.
BF		100	5	J. Peterson	N. Steinman	Sep.17,1960	4	12	105	95	*	S	Brown clay 14;stones hardran 26;sandy clay 49;gravel 83; gritty hardran 103;gritty clay 176;light limestone 180. Water at 170.
BF		100	11	B. Bergsma	K. McLeod & Sons	Nov.30,1961	4	5	95	85	*	D,S	Brown clay 20; blue clay 60; hardpan stones 155; limestone 157.
BF		*	13	W. Parker	•	Jun.21,1961	4	6	108	108	*	ם	Brown clay 30; hardnen stones 75; sand 90; hardnen stones 129; grey limertone 132. Water of 132.
BF		**	13 13	N. Odorico F.G.Sprett	National pump &	Mar.30,1962 Sep. 6,1963	4	4	5 102	50 110		DO	Gravel stones 20; hardpan stones 47; limestone 64. Water at 64. Gravel small stones 12; hardpan stones 40; grey clay boulders
-					Water Supply			7	10.00		_	~	50; grey limestone 125. Water at 120.
BF			16	H. Johnson	Oxford Water Supply	Sep.29,1962	4	5	38	35		D	Sand 21; clay gravel 43; clay boulders 51; grey limestone 57. Water at 56.
BF		**	17	T. Turner	K. McLeod & Sons	Jun.10,1960	41	6	75	75	*	D	Sandy gravel 40; blue clay 80; hardban 109; gravel 110. Water at 109.
BF		66	27	C. Langford	*	Oct.12,1960	4	5	14	12	19	D	Gravel 14; blue clay ?2; gravel ?4. Water at 24.
BF		**	30	R. Ionsom		Nov.24,1962	4		40	30		D	Coarse gravel stones 37; dirty gravel stones 84; gravel 85.
BF Go	re			F. Vale		Sep.19,1960	4	5 5 12	24	24		D D	Gravel stones 20; limestone 35. Water from 30 to 35.
Con I	re	00	15	A. Radford M. Ralph	N. Steinman	Sep.23,1960 Sep.26,1960	4	12	25 96	25		D.S	Sand 10; gravel 23; limestone 38. Water at 35. Fill 3; gravel stone hardpan 24; sendy clay 35; dark clay 50;
								-	~				hordman 62; share gravel 71; dark clay 98; fine sand 99; sandy
Con I			15	"	J.P, Vos	May 31,1961	4	7	43	34	**	D	gravel 112; grey limestone 117. Water at 115. Sandy soil 6; grey clay 28; sand clay boulder 36; grey clay
Con I		16	18	W. Hoffman	K. McLeod & Sons	Aug.31,1961	ц	6	60	50	in .	D	56; sand gravel 60; coarse sand gravel 65. Water at 60 and 65. Brown clay 12; dirty gravel stones 45; sand gr vel 75; hardpan
										, ,			stones 105; sand gravel 117; hardman stones 121; grey limestone 127. Water at 127.
Con I		**	20	Ingersoll PUC	International Water Supply Ltd.	Jul.30,1962						T	Blue clay 2; sand gravel boulders 11; sandy brown clay 21; sandy blue clay gravel streaks 68; sand blue clay gravel hard backed
Con I		n	21	H. Anderson	K. McLeod & Sons	Sep. 1,1961	4	6	28	26	Fresh	D	78; sandy blue clay 84; dork blue clay 89; broken limestone 91. Brown clay 20; hordban 60; sand grovel 98; gravel 90. Water at
Con I		100	22	A.D.Robbinson	**	Mar.31,1960	41	5	40	36		D	90. Clay 15; dirty gravel 45; clean gravel 48. Water from 45 to 48.
Con I		**	22	A. Robinson	"	Mar. 1,1961	41/2	5	55	50		D	Previously drilled 48; hardpan stones 104; gravel 106. Water at 104.
Con I		10	23	D. Wilson	*	Mar.26,1963	5	6	58	50		D,S	Dirty sand 30; brown clay 60; hardban stones 98; gravel 100. Water at 100.
Con I	Gore	**	23	W. M. Riddell F. Telfer		Oct. 9,1963 Feb. 5,1962	4 5	5 5	50 104	35 100		D D	Sand 20; hardpan stones 90; shale 93; limestone 98. Water at 98. Brown clay 20; clay stones 40; dirty gravel stones 105; gravel 108. Water at 108.
Con I	Gore			R. Lewis	National Pump & Water Supply	0et.12,1962	4	10	110	104	*	D	Old absordaned hole 40; boulders clay 50; boulders silt 55; gravelly clay boulders 177; limestone bedrock 180. Water at 50 and 177.
Con I	I.	lot	1	P.U.C	International Water Supply Ltd.	Feb.22,1962						T	Topsoil 1; white sand 6; dirty gravel 15; cemented gravel 20; sand gravel small boulders clay 55; hard blue sandy clay
Con I	I	m	2	B. Hersee	K. McLeod & Sons	Jul.28,1960	5	5	160	155	Fresh	D	gravel 69; cemented sand gravel 100.  Brown clay 36; gravel 180; hardnen 238; gravel 240. Water at 238.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCA	TION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY West Oxford Con II		cont	PUC.	International	Mar. 2,1962						T	Topsoil 1;brown cley 3;brown clay gravel 20;sard gravel small
Con II		4	C. Kennedy	Water Supply Ltd. K. McLeod & Sons	Mar.20,1962	5	4	110	110	Fresh	D,S	boulders clay 58; cemented sand gravel boulders 99. Brown clay stones 20; blue clay 90; dirty gravel 117; clean
Con II		4	E.H. Gilbert	•	Aug. 1,1962	5	5	65	60	*	D	gravel 119. Water at 119. Brown clay 20; dirty gravel stones 65; clean gravel 69. Water at 69.
Con II	**	5	H. Overveld		Oct. 3,1960	5	6	105	100		D,S	Brown clay 30; blue clay 80; hardban 112; gravel 114. Water from 112 to 114.
Con II		7	W. Willms	E.B.Hussey	Sep. 8,1961	4	8	52	50	W	D	Yellow clay stones 16;hardpan 35;hardpan streaks sandy clay 65;gravelly hardpan 70;gravel 79. Water from 70 to 79.
Con II	**	8	Ont Dept. of Highways	King City Well Drilling Co.Ltd.	Feb.12,1960	61	40	105	90		P	Overburden 2; blue clay 35; sand gravel clay 96; blue sand 117.
Con II	W	8	mighways	Brilling co.btd.	Jan.12,1962	65					T	Topsoil 4; brown clay 25; grey clay stones 52; yellow clay 68;
Con II	*	8		•	Mar. 2,1962	6 <del>1</del>					4-02	red sand 70; coarse sand 87; fine brown coarse sand 97. Topsoil 4; brown clay 20; blue clay 49; brown clay 68; gravel 90; fine sand 92; brown clay 108; gray sand 111; gray clay 158; gravel 160; brown clay 228; coarse sand 236; rock 243. Dry hole.
Con II	*	8	•	**	Mar.29,1963	6 <del>1</del>	13	200	140	Fresh	P	Topsoil 2; yellow clay stones 19; pit gravel 28; sand 61; pit gravel boulders 92; putty sand 126; clay stones 132; pit gravel 227; gravel boulders 92; putty sand 126; clay stones 132; pit gravel 227; gray shale 228; gray limestone 242. Water at 228 and 242.
Con II	**	9	•		Jan.19,1962	6 <del>1</del>						Topsoil 4; brown clay stones 43; grey send 45; red brown clay stones 43; grey send 45; red brown clay 84; silty sand 96; fine grovel 131. Dry hole.
& Con II		10	B. Meek	K. McLeod & Sons	Dec.19,1962	4	6	75	65	Fresh	D,S	Brown clay 30; blue clay 70; silty sand 110; blue clay stones 180; hardpan stones 221; grey limestone 226. Water at 225.
Con II	*	10	H.E.Sheridan	•	Feb.22,1963	4	5	78	70	•	D	Brown clay 15; blue clay stones 75; sand 120; gravel 132. Water at 132.
Con II	•	11	Ont.Dept of Highways	King City Well Drilling	Jan. 3,1962	6 <del>1</del>	18	73	48		С	Topsoil 2; brown clay 35; yellow clay 50; blue clay 62; brown sand 93. Water at 62.
Con II		11	mighways	DITTING.	Mar. 8,1962	8	32	43	31		С	Topsoil 4; brown clay 39; blue clay 55; grey sand 64; grey coarse grevel 86; grey fine gravel 125. Water at 69.
Con II		11	•		Mar.29,1963	6	50	29	17		P	Brown clay 4; sandy gritty clay 31; grey clay 49; fine sand 100;
Con II	•	13	T. Sheerdown	J. Sauder	Aug.28,1961	6)	8 <del>1</del>	132	98		D,S	coarse sand gravel 113. Water from 100 to 113. Topsoil 3;hard brown cley 17;blue clay stones 48;hardben 75; sandy brown clay 81;brown cley boulders 101;blue clay 121; yellow soft clay 130;hordben clay 148;shale 151;solid white limestone 171;brown rock 172;white limestone 230;dark gray
Con II	*	19	A.M. Wright	E.B. Hussey	Feb.28,1963	4	7	105	60	Fresh	D	limestone 231. Water at 171 and from 230 to 231. Gravel boulders 53; clay hardban arrwel 78; clay gravel 101; sandy clay 111; stones gravel 121; hardban 135. Water from 125
Con II		20	Ingersoll PUC	International Water Supply Ltd.	Jul.11,1962	2			7	*	T 5-62	to 135.  Brown clay gravel 7; gravel sand blue clay 11; coarse gravel sand boulders 24; sand grey clay gravel hard backed streaks 40; coarse gravel sand clay 44; fine gravel sand clay 51; sandy blue clay gravel streaks 81; coarse gravel sand clay 83; dark blue hard clay 95; greenish clay sand gravel 99; broken
Con II	100	20	•	ж	Jul.13,1962					k K	6-62	limestone 101. Sand 4;sand gravel boulders 28;boulders gravel sand 32;sandy blue clay gravel streaks hard backed 49;sand gravel streaks hard backed 91;greenish sandy clay gravel streaks hard backed 94;sandy brown clay gravel 99;sandy brown clay gravel 103;sandy clay gravel 103;sandy clay gravel packed 110;limestone 111.

	D COUNTY												
Con	Oxford II	lot	21	Ingersoll PUC	International Water Supply Ltd	Jul. 7,1962							Brown clay gravel boulders 9; fine sand 45; boulders 46; sandy grey clay gravel hard packed 50; sandy blue clay gravel herd packed 68; sandy blue clay gravel boulders 145; streaks hard packed limestone 147.
	II	*			K. McLeod & Sons National Fump & Water Supply	Apr.25,1962 Nov.10,1962	4	5 14	35 45	27 40	Fresh	D D	Brown clay 10; and gravel 40; gravel 42. Water at 42. Old dug well 30; grave silty clay 110; fine silt 115; gray silty clay boulders 141; llmestone 144. Water at 141.
Con	II		22	D. Spencer	apoly	Dec.1, 1962	4	5	45	40		ם	Brown topsoil 1; brown subsoil 10; brown clay hardnen 0; blue
Con	II		23	T.Vandervelden	E.B. Hussey	Jan.25,1962	4	8	55	50		D	clay sand 108;gravel 110. Water from 108 to 110. Old dug well 44;dark clay 46;fine yellow sandy clay 48;coarse
Con	II	٠	23	Ingersoll PUC	International Water Supply Ltd.	Jul.24,1962	5						sand 84; corrse gravel 97. Water from 94 to 87. Pine sand 13; coarse gravel boulders 40; sandy grey clay gravel 43; sandy blue clay gravel 55; gravel sand clay 63; blue clay sandy gravel streaks 71; sandy blue clay hard gravel 131; limestone 132.
Con	II		23	L. Quinn	E.B. Hussey	Dec.19,1962	4	8	30	28	Fresh	D,S	Old dug well 27; ouicksend send stones 35; coarse send gravel
Con	II		24	T.Vandervelden	. •	Feb.15,1962	4	10	40	32	*	D,S	
Con	III	•	1	PUC.	International Water Supply Ltd.	Mer.12,1962						т 5-62	muddy sand 45; coarse sand gravel 54. Water from 52 to 54. Topsoil 1; soft brown sandy clay gravel 25; silty sand 39; streaks blue clay sandy clay, clay gravel 65; clay gravel 75; cemented sand gravel 98; brown white limestone 102.
Con	III	*	1	Woodstock PUC	*	Mer.29,1962						T 7-62	Brown sandy clay 10; brown sandy clay gravel 16; coarse sand gravel small boulders 25; coarse sand gravel 55; coarse gravel sandy clay 57; clay 78; coarse gravel clay 85; cèmented clay
y₄9 Con	III		1			Jun. 7,1962	16	1250	54	10	Fresh	P	gravel 94;dirty gravel 96. Topsoil 2;dirty gravel small boulders 8;brown sandy clay gravel 20;brown sandy clay gravel backed 27;blue clay gravel 29;sandy blue clay gravel 45;sandy clay gravel 52;tight backed sand gravel 60;sand gravel small boulders 88;clay
Con	III		1			Sep. 4,1962						T 13-62	gravel boulders 89. Topsoil 1; gravel boulders sand clay 2; sand gravel clay 9; hard gravel sand clay boulders 16; sandy silty clay streaks 25; streaks silty clay sand 93; hard silty clay gravel boulders.
Con	III		1		*	Sep.11,1962				•		T	Topsoil 2; sand coarse gravel boulders clay 9; clay sand gravel
Con	III		2	J. VanStrein	National Pump & Water Supply	Mar. 3,1962	4	4	70	50	Presh	D,S	blue clay fine grey sand 131; coarse grey sand 133; medium
Con	III	*	2	PUC	International Water Supply Ltd.	Jul.11,1962						T 9-62	gravel 135; hard gray limestone 137. Water at 6° and 137. Topsail 3; brown sandy clay gravel 20; dirty sand gravel 64; cemented sand gravel 71; blue clay gravel 82; sandy blue clay gravel 120; brown limestone 122.
Con	III		3	F. Moutchen	K. McLeod & Sons	Aug.22,1961	4	5	50	30	Fresh	D,S	Brown clay 6; dirty gravel 50; sand gravel 100; hardban stones 157; gray limestone 160. Water at 159.
Con	III		4	G. Masson	•	Sep.21,1961	4	5	60	30		D,S	Brown clay 20; blue clay 40; sand 60; hardoan 147; limestone 149.
Con	III	•	5	T. Williams	National Pump & Water Supply	May.26,1962	4	4	135	107	•	D,S	Water at 149.  Cement cistern 8; clay boulders 20; hard packed sand 40; sand brown clay mix 58; sand blue clay 68; fine sand 115; fine sand clay mixed 128; fine sand 134; medium sand 154; coerse sand 157.  Water at 154.
Cor	III		13	H. Verger	M. Hooper	Oct. 9,1963	5	4	27	16		D,S	Hard clay 20; coarse gravel fine sand 37; fine gravel 39; gravel. Water at 39;
Cor	III		14	R.K.Hutchison	K. McLeod & Sons	Sep.18,1963	4	5	90	65	•	D,S	

	LOCATION	i	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST		STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
West	Oxford Two			M. Hooper	Dec. 5,1962	5	5	29	23	Fresh	D,S	Topsoil red sand 3; blue clay stones 22; hardpan stones 44; sand
							1.93			rresn		66; fine gravel 69. Water at 69.
Con Con	IV	" 3 " 4 " 12	H. Melcolm J. Wharram R.Vanderheide	W. Burwell K. McLeod & Sons National Purp & Water Supply	Aug.16,1962 feb.13,1961 Apr.29,1963	5 5 4	5 5 7	40 36 120	38 30 80	Sulphur	D,S	Brown clay 5; red clay boulders 15; gravel 45. Water at 45. Blue clay 50; sand 57; fine gravel 59. Water from 50 to 59. Brown clay 30; grey clay stones 90; grey hardban 160; fine send 165; grey hardban boulders 206; grey limestone 260; hard dark
$c_{on}$	IV	• 12	H. Dewitt	Had coWell Digging	Sep.30,1963	271	3	34	23	Fresh	D	limestone 325. Water at 160 and 325. Topsoil 1;grovel fill 4;brown sandy clay 21;blue hardwan
Con	IV	* 13	R. Folden	E.B. Hussey	Jan. 6,1962	4	8	40	28	•	D,S	rocks 36. Water at 35. Old dug well 30;sendy clay stones 35;hordnen streeks sendy clay 50;hordnen small stones boulders 75;grovelly hardnen 80. Water from 76 to 80.
Con Con		" 15 " 18	C. Esseltine J. Grega	G. Warren K.McLeoi & Sons	Nov.21,1961 Sep.27,1962	5	5	52 60	20 56	:	D,S	Fellow clay 5;gravel 63;sand 72. Water from 63 to 72.  Brown clay 15;blue clay 60;hardoan 20;gravel 28. Water from 80 to 88.
Con Con		* 5	I. Cuthbert W. Millard	J.H.Wesver & Son	Mer. 4,1963 Ang.11,1963	5 2	5 7	70	30 54		D,S D,S	Coarse send 108; gravel 110. Water at 110. Old open well 50; fine gravel 60; hardban 61; occres send 68. Water at 54.
Con	v	n 11	D. Fairbenks	E.B. Hussey	Sep. 4,1963	4	5	111	111	•	D	Sandy clay 8;gravel herdnen 19;sand carented clay 48;quicksand 68;blue clay 76;sand clay 130;ouicksand clay 167;stones gravel 178;sandy clay gravel 194;hordnan gravel 240;clay gravel 285;
Con		* 11	G. Fairbanks	*	Sep.21,1962	4	8	100	84	11	D	hardesn 303; brown limestone 305. Water from 303 to 305. Old dug well 28; sendy yellow clay 55; rutty clay fine quicksand 75; fine quicksand 135; sand streaks gravel 154; sand cemented clay 195; sandy hardeen small stones 230; sand fine sand 250; brown clay 258; hardeen streaks sand 273; hardeen streaks sand 273; brown limestone 275. Water from 273 to 275.
West Con Con		lot 8 * 28	J. Cooper C. Kittmer	K.McLeod & Sons	Jen.18,1961 May 2,1963	4½ 5	5	50 100	40 95	Presh	D,S	Brown clay 10;hardman stones 57;gravel 61. Water at 57. Brown clay 20;gravel sand stones 120;haraman 180;shale 185; limestone 225. Water from 210 to 225.
Con	I	• 33	J. Young	W.D.Hopper & Sons	Jun. 4,1960	4	10	74	70	*	D,S	Yellow clay 18; send 60; clay stones 130; brown limestone 195. Water from 175 to 195.
Con	II	<b>"</b> 30	Reid Bros.	•	Oct.1, 1962	4	100	15	8	•	S	Topsoil 2; sendy clay 25; send 60; send blue clay streaks 85; stony gravel 96; brown limestone 105; junk 107; brown limestone 172. Water from 155 to 172.
Con	II	* 31	L.Auxilery Knox Presbyter- ion Church	•	Jan.29,1960	4	10	6	15		P	Sandy clay 15; herdnan 50; send 55; herdnan 109; rock 114; brown limestone 149. Water at 149.
Con	111	<b>*</b> 1	H. Elliot	N. Steinman	Jul.20,1961	4	14	50	45	*	D,S	Brown clay 37; sandy clay 40; gritty hardnan 65; gritty hlue clay 92; brown limestone 96. Water from 94 to 96.
Con	111	• 10	L. Ulch	W.D.Hopper &Sons	Peb. 7,1963	4	10	46	31		D,S	Clay stones 40; sand 48; clay stones 118; fine gravel sand 147; grey rock 170; Water at 170.
Con Con Con	III	12 13 14		K. McLeod & Sons	Nov.24,1962 Jun.17,1961 Nov.19,1963	4 5 5	5 5 6	85 43 40	50 20 30	:	D,S D,S D,S	Brown clay 30; hardonn stones 165; gravel 167. Water at 167. Brown clay 30; hardonn stones 153; gravel 154. Water at 154.
Con	III	* 30	G. McKay	W.D.Hopper & Sons	Dec. 5,1961	4	10	45	40	•	D,S	Topsoil fill 4; yellow clay 15; dirty gravel 35; stony hardnen 150; loose limestone 160; brown limestone 206. Water from 190 to 206.
Con	IA	* 4	R. Cartmale	K. EcLeod & Sons	Nov. 9,1962	4	5	45	35	•	D,S	

	UCC GROWN													
	West Zorr Con IV			10		K. McLeod & Sons	Jan, 5,1961	51/2	5	85	75	Fresh	D,S	Brown clay 40; hardnen stones 100; gravel 110. Water from 100
	Con IV		n	24	R. Symons	W.D. Hopper&Sons	Mar.23,1963	4	9	50	47	•	D,S	to 110. Topsoil yellow clay 10; sandy clay 40; sand 50; hardban 200;
	Con V		н	1	S. Zinn	Steinman & Baird	May 17,196?	5	12	35	30		С	grevel 209;limestone chert 233. Water from 223 to 233. Grevel fill 4;brown clay 30;gritty blue clay 42;hardoon leyere sand 99;gravel 94;brown limestone 96. Water from 94 to
	Con 7		н	3	E. Boera	K. McLeod & Sons	Apr.20,1960	4	5	98	54	**	ם	96. Brown clay 20; blue clay 40; hardnen stones 102; limestone 154. Water at 154.
	Con V		11	5	K. Hayword	,,	May 26,1960	41	5	40	48		D,S	Yellow clay 25; hardnan 107; gravel 109. Water at 107.
	Con V		11	9	W.S. Finch	E.B. Hussey	Mer. 3,1961	4	9	30	20	н	D,S	Sandy loam 2; sandy yellow clay boulders 31; sandy gravel 40; sandy gravel small stones 62; hard brown limestone 90. Water from 65 to 90.
	Con V		M	9	J. Thompson	*	Apr.25,1961	4	10	38	30	п	Œ	Sandy loom 11; grovelly clay small stones 30; grovelly brown clay stones 50; sendy grovel clay 55; heaving grovel 61; brown
	Con V		***	24	D. Cowen	WerrenWeter Wells	Dec.10,1963	5	10	60	55	*	D,S	limestone 75. Weter at 70. Yellow sand 20;clay send 42; pit gravel 96; clay stones 111: pit gravel 127; clay stones 136; clash gravel 140; red clay
	Con V		×	26	S. Matheson	N. Steinman	Feb. 4.1960	4	12	38	34		D.S	stones 142; gravel 153; coarse sand 157. Water at 140 and 157.
				30	A. Maelows	WarrenWaterWells		_	5	80	20	n		clay grave! 126; clay 173; gravel 174. Water at 173.
	Con V				A. Maelows	wattenwaterwells	Dec.31,1963	5	5	80	λο -		D,S	Clay stone 28; fine nutty sand 46; arrivel 49; nit gravel 132; gravel. Water from 46 to 49 and at 132.
3	Con V		10	32	A.A. Innes	W.D.Hopper & Sons	Aug.22,1961	4	10	75	70	**	D,S	Fill yellow clay 10; sandy clay 40; blue clay 70; hardman 167: gravel 170; hardman 175; cemented gravel 182; brown limestone 225. Water from 215 to 275.
-	∽on V		99	33	J.W. Bean	Burwell%Evanitski	Jen.28,1961	4	15	63	59		D,S	Clay stones 40; blue clay 95; gravel 145; boulders 155; blue clay
	Con VI		*	7	A.R. Campbell	C.H. Kent	Dec. 9,1963	5	6	100	40		D	200; white limestone 203. Weter at 203.   Brown loam 2; yellow sand stones 20; grey cemented gravel   stones 40; clay hardnen 60; soft grey clay 100; sand 105; clay
	Con VI		Ħ	24	C.A. Rend	E.B. Hussey	Mer.29,1961	4	9	40	29		D,S	sand 118; fine brownish grey grevel 123. Water at 123. Sandy vellow clay grevel 20; outoksand grovel herdnen 55; sandy arrivel clay 59; sand gravel stones 74; sand stone gravel 95; sandstone 98; brown sandy clay 100; sandy clay streeks sand gravel 140; brown shell rock 156; sandy yellow clay 172; brownish clay sand gravel 185; shell rock autoksand 205; hard brown limestone 220. Water from 208 to 220.
	Con VI		11	25	J.W. Gibb	E.B. Hussey	Aug. 5,1961	4	8	45	42	**	D,S	
	Con VI		m	26	J. McLeod	W.D.Honner & Sons	Jul.11,1963	4	10	35	9		D,S	Clay 30; sand clay 50; clay stones 95; sand 121; hardon stones
	Con VII		*	55	H.C. Lange	C.H. Kent	Dec.20,1963	5	19	25	40	п	D	195; grey rock 229. Water at 229, Brown loam 2; yellow clay 14; hardnen stones 50; send 60; sendy hardnen 80; cemented gravel 125; sand 135; gravel 145. Water at 145.
	Con VII Con VII			23 27		B. Haskell E.B. Hussey	Aus.29,1960 Jun.29,1961	4 <del>1</del> 4	10 5	49 45	37 18 <del>}</del>		D D,S	Clay 17; sandy hardban 159; sand gravel 160. Water at 160.
	Con VII		ж	29	B. Lupton	W. Burwell	Dec.14,1963	5	10	55	35		D,S	Clay 60; boulders 70; gravel 110; clay 170; rock 173. Water at
	Con VII			30	N. Bean		Dec. 6,1963	5	10 61	35 75	<b>3</b> 0 65		D,S	
	Con VIII			1	B. Hepburn	J.P. Vos	Nov. 6,1961	4	6#	75	65		D	Clay gravel 13; hard clay 76; sand 98; soft rock limestone 95; limestone 139. Water at 120 and 139.
	Con VIII	Ī	**	1	J.G. Pretswell	E.B. Hussey	Jun.15,1963	4	7	100	59	•	D	Yellow clay stones sand 27; blue clay grayel 63; hardman 125; brown limestone 135. Water from 130 to 135.
							Service of C				- 4			

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	CON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY West Zorra Tw Con VIII	p con lot 9	E. Thalen	National Pump & Water Supply	Oct.11,1963	4	9	50	40	Presh	D,S	Brown clay 25;grey clay gravel 63;grey hardban 98;quicksand 107;blue clay 118;fine sand 123;coarse gravel 126. Water at 100 and 122.
Con VIII	* 23	S.Kelbflei	sh K. McLeod & Sons	May 21,1963	5	6	40	32	3	D,S	Brown clay 15;dirty gravel stones 50;blue clay 110;herdpan 131;gravel 132. Water at 132.
Woodstock Cit Woodstock Ci	ty	A.E. Phine	National Pump & Water Supply International Water Supply Ltd.	Nov.11,1961 Sep.10,1963	4	31	58	24	Fresh	D,S	Heavy brown cley 22; fine sand 36; blue clay 54; medium sand 78; coarse sand fine gravel 91. Water at 54. Surface loam 2; sand gravel 5; sandy blue clay gravel 41; silty sand 48; llmestone 50.
Woodstock C1	ty	•	assert assert	Oct. 4,1963					Fresh	T	Packed clay gravel sand boulders 6; dirty gravel sand boulders clay 18; cemented gravel clay 28; sand gravel clay 31; limestone 35.
PERTH COUNTY Blanshard Twp Con III	). lot 19	R. Stephen	W.D.Hopper & Sons	Jun.22,1960	5	12	230	210	Fresh	D,S	Dug well 20; herdoen 100; loose rock 104; brown limestone 150; light brown limestone 180; brown limestone 265. Water from
Con IV	• 9	J. Urouhar	t C.&H. Kerr	Nov.21,1960	5	13	200	187		D,S	220 to 265. Blue clay 18; boulders clay 57; stony blue clay 99; orey
Con VI	<b>"</b> 19	A. Baker	W.D.Hopper &Sons	Mar.23,1961	4	9	185	180		D,S	limestone 207. Water at 207. Tonsoil 2; yellow cley 10; stony herdoen 77; shale rock 21; grey limestone 150; white limestone 180; brown limestone 236.
Con VI Con VII	* 20 * 25	E. Stacey	"	Jun.21,1963 Apr. 5,1961	5 4	7 6	189 230	189 160	Sulphur	D,S	Water from 180 to 236. Clay stones 90;greyish brown rock 241. Water at 241. Dug well 36;blue clay 50;herdeen 155;loose rock 159;brown limestone 190;black rock 200;brown limestone 250. Water from 220 to 250.
Con IX Con IX Con IX	" 9 " 13 " 20	G. Hooper J. Youngst C. Strahan	n R. Hudson Steinman & Baird	Dec. 2,1960 Aug.15,1963 Sep. 7,1961		13 12 10	197 14 195	160 12 190	Presh	D,S D,S D,S	Stony blue clay 57; grey limestone 202. Water et 170 and 201. Brown clay 3; gravel 16. Water at 12. Previously drilled 145; grey limestone 208. Water from 203 to 208.
Con XIV	* 15	D.J. King	W.D. Hopper &Sons	Mey 20,1962	61	10	235	200	Sulphur	D,S	Topsoil 1; yellow clay 14; blue clay 60; hardron 128; cemented gravel 140; gray limestone 170; brown limestone 25°; brown strenked limestone 280. Water from 210 to 260 and from 260 to 280.
Con XV	* 14	M. McDonal	a ·	Apr.14,1962	4	10	130	125	Fresh	۵	Topsoil 1; yellow clay 12; blue clay 40; hardpan 22; coarse gravel 81; loose rock 96; brown limestone 180. Water from 165 to 180.
Con XV	* 15	M. Robson	•	Jul. 8,1960	4	9	94	75	•	D	Sandy clay 3; boulders grevel 25; stony hardman 36; broken rock
Con XVI	" 13	J.B.Robson	*	Dec.19,1961	4	9	112	109		D	50; brown limestone 175. Water from 150 to 175. Topsoil lyvellow cley 10; blue cley 40; hrrinen 58; loose broken rock 66; grey limestone 90; brown limestone 160. Water from 148 to 160.
MRE Con I NBC	* 1 * 6	P. Black D. Finnie	R. Hudson W.D.Hopper & Sons	Sep.11,1963 Jun.18,1962	5	10	76	73	Fresh	D,S	Brown clay a; blue clay a5; stony clay 27. Dry hole. Topsoil lisandy clay 4; vellow clay 15; sandy clay 20; hardnen
NBC	<b>1</b> 2	W. Kilgall	en M. Jones	Sep.12,1963	4	0	83	93	*	D,S	90; brown limestone 184. Water from 150 to 184. Clay stones 61; brown limestone 120. Water at 118.

	COUNTY -												
SB	hard Twp.	-con		A.Robinson	M. Jones	Nov.20,1962	4	8	64	57	Fresh	D,S	Clay 24; gravel 32; clay 75; sendy clay 93; limestone 130. Water at 128.
SB			17	C. Langford	HadcoWell Digging	Jun. 1,1961	30	10	27	14		S	Topsoil 1; brown sand 14; gravel 16; blue clay 28. Water from 14 to 16.
SB		•	32	F. Dykes	W,D.Hopper & Sons	Nov.14,1963	4	8	188	185	**	S	Gravel 16; yellow clay stones 27; blue clay 62; hardpan 96; brown
TR		W	37	G. Cerr	•	Aug. 6,1960	4	10	110	105	*	D,S	limestone 227. Water et 227. Topsoil 1;yellow clay 4;sendy clay 12;blue clay 25;stony hardoan 130;cemented gravel 146;rock 153;brown limestone 206. Water from 190 to 206.
TR		•	37	W. Callcott	*	Jun. 6,1962	4	9	98	95	*	D	Topsoil yellow clay 10; blue clay 45; hardwan 102; limestone 112; grey limestone 140; brown limestone 190. Water from 160 to 190.
TR WB		*		N. Henderson Blanshard Telephone	R. Hudson	May 24,1963 Jun. 7,1963	4 36	5 10	180 21	165 18	:	D,S C	Clay 32;gravel 40;clay stones 130;rock 232. Water at 232. Brown clay 2;big stone 12;fine gravel 22. Water at 18.
WB		m	12	J. Whitteveen	W.D.Hopper& Sons	Jul. 6,1962	4	7	194	180	"	D,C	Yellow clay 26; blue clay stones 78; hardnen 89; grey limestone 208. Water at 208.
WB		н	12	J. Barley	HadcoWell Digging	Nov.13,1963	274		61	52		D	Topsoil 3; grey clay 52; sand 54; grey clay 64. Water at 52.
Downie Con I Con I		lot	8 15	T. Parker N. Lott	J. Moore W.D.Hopper & Sons	Jun.26,1963 Dec. 2,1960	30 4	4 10	50 22	27 20	11	ם	Tonsoil 2; blue clay 45; blue clay stone 62. Water at 45. Tonsoil 1; yellow clay 12; hardnan 35; etony blue clay 75; hardnan 96; loose limestone 100; brown limestone 150. Water
Con I			15	R. Reibling	*	May 4,1963	4	30	25	15		D	from 140 to 150. Topsoil 1; yellow clay 11; blue clay 72; hardban 95; yellow
∞n I		•	-	2		Jun.22,1963	4	10	33	30	w	D	limestone 101; brown limestone 150. Water from 135 to 150. Topsoil fill 4; y-flow clay 12; blue clay 40; stony hardon 114; loose limestone 118; brown limestone 165. Water from 150 to
Con I		w	18	W. Priestap	iwi	Jul.23,1962	4	12	20	19	п	D	165. Fill clay stones 7; clay stones 35; hardban stones 92; caying rock 163; yellow limestone 121; white limestone 142. Water from
Con I			19	E. Taylor	*	Oct.15,1960	4	20	25	20	*	D	125 to 142. Topsoil 1; yellow clay 4; sand 7; blue clay 50; hardban 90;
Con I			19	A. Renecher		Aug.24,1962	4	10	25	15	*	D	loose rock 95; brown limestone 150. Water from 140 to 150. Clay stones 42; gravel 57; hardpan 93; brown rock 149. Water
Con I			19	G. Hopp	*	Sep.11,1963	4	14	24	18	*	D	from 139 to 149. Old well 31;cley stones 54;blue cley 72;gravel 78;hardoen 98: brown limestone 135;white limestone 154. Water from 135 to
Con I	I	n	4	P. Switzer		Mar. 7,1960	4	10	56	54	*	D	154. Topsoil 1; sandy clay 8; yellow clay 14; blue clay 40; hardban
Con I	I		4	K.J.Switzer	**	Feb. 3,1961	4	10	56	54		D,S	
Con I	I	*	5	J. Byrick	*	Oct.10,1962	4	12	52	50	*	D	brown limestone 209. Water from 200 to 209. Topsoil 1; yellow clay 10; hardban 124; loose rock 130; brown limestone 167; brown white limestone 188. Water from 170 to
Con I	I	×	5	J. Durand	•	Oct.18,1962	4	10	52	50		D	188. Topsoil 1; yellow clay 10; hardpan 125; loose rock 130; brown limestone 165; brown white limestone 190. Water from 170 to
Con I	I	•	6	O. Pounder	*	Aug.25,1962	4	10	52	50	•	D	190. Stony gravel 20; blue clay 45; stony hardban 130; loose rock 135; brown limestone 165; streaks brown white limestone 195. Water from 165 to 195.
Con I	I	*	19	W.D. Erb	•	Sep. 6,1961	4	30	30	20	*	D,S	

FO	OCATIO	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF Water	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ERTH COUN													
Downie Tw Con III		lot.		V. Bean	W.D. Hopper &Sons	Nov.25,1962	4	10	55	50	Fresh	D,S	Topsoil 1; yellow clay 12; blue clay 30; hardban 116; loose rock
Con III			16	E. Boyes		Sep.16,1961	4	10	52	50		D,S	123; brown limestone 180. Water from 160 to 180. Topsoil fill 4; yellow clay 10; blue clay 50; stony hardpan 107;
Con IV			2	Yundt &McCann		Mar.19,1961	4	10	72	60		In	loose rock 112; brown limestone 175. Water from 160 to 175.  Stony clay 43; gravel 56; stony clay 132; gravel 145; brown
Con IV		•	2	Const. Co. Boehmers Ready	R.I.McLaughlin	Jul.18,1963	7	60	58	51		In	limestone 201. Water at 200. Topsoil 2; sand 15; clay stones 60; hardnan 68; clay stones 76;
Con IV				Mix Concrete W. Williams	HaccoWellDigging	Oct.24,1962	271	11	21	18		D	herdpen 96;gravel 102. Water at 96. Topsoil 6;fill 3;brown clay 18;gravel 20;blue grey clay 29;
Con V			10	A. Bein	W.D.Hopper & Sons	Jun.16.1960	4	9	35	27		D,S	gravel 30; grey clay 40. Water at 18 and 29. Yellow clay 35; clay stones 55; gravel sand 65; clay stones 105.
Con VI			4	J.J. Wivell		Mar.26,1961	4	5	65	55		D,S	derk grey rock 155. Water from 140 to 155. Yellow clay 26; clay stones 53; sand 67; gravel 75; clay stones
Con VI			25	J. Tinning		Jan.11.1960	4	10	29	28	*	D,S	136; gravel 143; rev limestone 200. Water from 175 to 200. Topsoil 1; sandy yellow clay 10; blue clay 40; hardran 87; loose
Con VII				K. McEwen	W.D. Hopper& Sons	May 26,1961	4	13	60	57		D	rock 92; brown limestone 145. Water from 135 to 145.
			-							-			stones 162; brown limestone 192; light brown limestone 210. Water from 193 to 210.
Con VII			9	G. Wood	Had coWellDigging	Nov.30,1962	271	5 5 3	23 20	19		D D	Topsoil 1; brown clay 17; gravel 23; Water at 19. Brown clay 20; blue clay 45. Water at 35.
Con VIII		÷.	5	F. Coulthard R. Bleich	J. Moore	Oct. 4,1961 Sep.25,1961		3	21	15 16		ď	Brown clay 39; coarse gravel 41. Water at 39.
Con IX	•		6	I. Roxburgh	•	Oct.13,1961	30	3	10	10		D	Brown clay 10: coarse gravel 21. Water at 18.
Con IX		99	7	R. Zein	C.& H, Kerr	Jun.27,1961		15	100	80		D	Old dug well 11; hardnan 40; boulders clay 79; hardnan 97; clay 117; shale 128; limestone 151. Water at 149.
Con XI		•	7	C. Tyler	W.D. Hopper &Sons	Jul.23,1962	4	10	62	60		D,S	Topsoil 1; yellow clay 12; blue clay stones 70; hardran 102; loose rock 107; brown limestone 160. Water from 150 to 160.
Con XII		×	25	D.R. Muir	•	Jun.12,1961	5	10	120	110		D,S	Topsoil fill 4; yellow clay 12; blue clay 50; hardnen 100; loose rock 106; brown limestone 208. Water from 190 to 208.
Con XIV			1	B. Miller	N.N. Faulkner	Oct.25,1961	8	55	65	5	Sulphur	Т	Tobsoil 1; brown clay stones 8; brown shale rock 125; grey limestone bedrock 50; brown limestone bedrock 70. Water from
Gore Con	o TTT		<u>,</u>	A. Hessen	W.D.Hopper &Sons	Oct. 7,1960	4	10	50	45	Fresh	D	25 to 40. Old dur well 21; blue clay 60; hardpan 136; cemented gravel 145
Gore Con				S. Martin	Hadco ServiceLtd.		30	20	20	8	. 10011	ם	grey limestone 195. Water from 180 to 195. Topsoil 1; brown oley 6; brown hardnen 15; boulders hardnen 20;
Gore Con				G.4G.Gibbard	W.D. Hopper &Sons		4	10	66	58		ם	gravel 21. Water at 20. Clay stones 52; sand 72; clay stones 130; hardnan 145; gravel 15
					m.D. nopper asons					-		c	grey rock 195. Water at 195.
Gore Con			A	T. Hoyle	_	May 7,1962		15	49	47		_	Fill 7; clay stones 20; sand 24; clay stones 47; herdben gravel 95; herdben 145; grey limestone 201. Weter from 185 to 201. Topsoil livellow clay 12; herdben 190; cravel 200; brown
Gore Con				P. McKay	_	Nov. 8,1962		10	86	82		D,S	limestone 260. Water from 245 to 260.
Gore Con	n IX	*	A	K. McEwen		Sep.28,1961	4	12	63	62		D	Fill clay 8; clay stones 40; stones hardban 7°; hardban 127; gravel 135; hardban 153; light brown limestone 180; white
Gore Con	n XI		24	Fraser Brace Eng Co.	International Water Supply Ltd.	Jun.21,1963	12	150	Flows		Sulphur		limestone 203. Water from 185 to 203. Black tonsoil 4; coarse gr vel broken rock 8; yellow clay 14; yellow clay broken limestone 20; brown limestone 47; grey
Gore Con	n XI		24	•		Jun.27,1963	12	Plows				T	limestone 60; white limestone 120. Topsoil 3; clay gravel broken limestone 10; brown limestone
Gore Con	n XI	*	24	*	*	Jul.18,1963	12	•	4		•	2-63 T	50;grey limestone 120. Topsoil 3;coarre arrwel olay 9;broken limestone 43;soft limestone grey to white 120.

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	Downie	DUNTY - Twp Con XI	cont		Fraser Brace	International	Aug. 6,1963	12	Flows				т	Topsoil loam clay 3;gravel sand clay 9;limestone saft streaks
	ORW		•	8	Eng. Co. D. Burford	Water Supply Ltd. W.D. Hopper &Sons	Mey 25,1963	4	8	60	46	Fresh	4-63 D	marl 104; harder limestone 110. Water at 20. Clay 20; sand clay mixture 25; clay stones 101; gravel 124; grey rock 202. Water at 202.
	Con I Con I			10 16	J. Delesie G. Renecker	J. Moore W.D.Hopper &Sons	Cct, 17, 1963 Apr. 15, 1961	30 4	5 12	12 19	8 17	Presh	S D	Clay 6; coarse gravel 12; fine gravel 193. Water at 12. Old dug well 25; brown clay 45; brown clay stones 78; gritty clay 85; hardman 108; brown limestone 145. Water from 130 to 145.
	Con I			17	L. Syehring	7	Jan.31,1963	4	11	16	151		D	Clay sand 7; clay 24; stones 28; clay 30; stones 58; hardnen 90; shale 94; brown rock 114; black rock 122; white rock 142. Water from 120 to 142.
	Con I		•	18	G. Wickie	*	Feb.1°,1960	4	10	12	9	**	Œ	176. Water at 126. Water at 126. Water at 126.
	Con I		n	19	D.H.O.Garage	C. Goodberry Well Drilling Ltd.	Apr. 5,1960	6	20	25	9	"	P	Send gravel 10; hardnen 80; limestone 1014. Water at 90.
	Con I		*	20	O.C. Zehr	Steinman & Baird	Oct.29,1962	4	17	20	14		D,S	Brown stony hardown 71; dirty gravel 76; brown shale 79. Water at 79.
	Con I			20	S. Schellen- burger	W.D.Hopper &Sons	Nov.14,1963	4	10	40	35		D,S	Tonsoil 1; yellow clay 15; gravelly clay 25; blue clay 70; hardean 105; loose rock 109; brown limestone 158. Water from 150 to 158.
.v	Con I			27	C. Knetcktel	п	Mar.28,1961	4	12	58	55	91	D,S	
55	Con I		**	6 13	H. Ackeson A. Schinneman	J. Moore W.D.Hopper & Sons	Jun.19,1963 Sep.10,1962	30 4	2 14	15 24	5 23	"	D D,S	Topsoil ?; blue clay 15; coarse gravel 18. Water at 15.
	Con I	I		18	J.VandenHeuvel	"	Jul.30,1962	4	12	21	20	и	D,S	Top fill clay 6; yellow clay 18; clay stones 57; stones 61; clay stones 90; hardren 96; brown limestone 139; light brown limestone 149. Water from 137 to 149.
	Con I	II		1	H. Court	*	Jul. 3,1962	4	13	57	55	"	С	Fill 5; cley stones 19; blue cley 45; hrdpen 90; clay stones 135; brown limestone 197; grey limestone 219. Water from 190 to 219.
	Con I		•		G. Adair	*	Jen.16,1961	4	10	46	44	•	D,S	
	Con I			4	R. Tuer	C.&H. Kerr	Oct.28,1963	4	2	60	54	*	D,S	Brown clay boulders 92; sandy clay 125; grey limestone 159. Water at 158.
	Con I			13	C. Mowack	.W.D.Hopper & Sons	Feb.11,1961	4	15	26	25	•	D,S	Topsoil 1; yellow clay 10; blue clay 30; hordoan 93; loose rock 97; brown limestone 150. Water from 144 to 150.
	Con I	11		19	S. Beld	-	Gep.19,1962	Ţ.	14	50	19	*	D,S	
	Con I	II	*	33	C. Mikel	*	Aug.30,1963	4	13	30	20	"	D,S	
	Con I	V	**	7	J.T. Whaling	Had coWellDigging	Nov.29,1962	30	4	23	18		D,S	
	Con I	V		8	TopNotch Feeds	C.&H. Kerr	Sep.24,1960	4	15	65	45	•	S	Clay 30; conglomerated gravel 57; clay 136; grey limestone 173. Water at 173.
	Con I	Λ		35	A. Dietrich	F. Jackson	Jul. 8,1963	4	12	64	16	*	ם	Gravel fill clay 2; buff coloured clay grit 20; clay boulders sand 74; buff rock 90. Water at 80.
	Con V	I		29	R. Michiels	W.D.Hopper&Sons	Dec.30,1963	4	10	22	21	*	D,S	Sand 74; out: rock yo. water at co. Top-clay fill 7; clay 24; clay stones 38; clay 65; hordbon 82; limestone 121. Water from 107 to 121.
				1	2 Footnotes givi	ng the meenings of	leastion obbas	wint in	ne and	of armi	hale de	aignating	11000	of wells may be found at the end of Annendiy C

	LOCATION 1			OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER			LEVEL.	KIND OF WATER	USE OF WATER'	Log and Remarks (Depths to which formations extend below the surface are given in feet)	
E1	TH COUNTY .	- co	nt.											
C	on VI	1	ot 3	1	J. Verellen	F. Jackson	May 19,1962	4	12	12	8	Fresh	D	Open well 18; gravel stone 30; clay grit 60; gravel 65; limestone 85. Water at 30, 60 and 70.
C	on VI		* 3.	5	A.W. Hulshaf	•	May 17,1962	4	12	70	5		D	Clay loam 2; yellow clay 8; stones clay 20; clay grit 65; reddish rock 82. Water at 8. 65 and 75.
C	on VII		. 5	1	R. Koert	•	Jul.31,1962	4	12	75	45		D	Clay loam 2; brownish hardpan 14; blue clay grit 100; clay grave 120; brownish rock 140. Water at 135.
C	on VII		* 2	8	J. Ruston	W.D.Hopper& Sons	Apr.24,1961	4	14	24	24	•	D,S	Fill 7; stony sand clay 27; stony clay 40; gravel 45; stony hardban 72; brown limestone 120. Water from 100 to 120.
C	on VII	1	* 3	5	L.F. Elliott	P. Jackson	Jul.11,1961	4	10	35	11	*	D	Old well 14; stony rock clay 18; blue clay grit 45; gravel 60;
C	on VIII		• 3:	3	H. DeWetering	W.D.Hopper&Sons	Sep.25,1962	4	13	50	19		D,S	
¢	on IX		* 3	3	J.VanNynatten	*	War.13,1961	4	10	26	24	*	D,S	
C	on X		• 1	6	L. Debus	•	Nov. 4,1960		10	47	45		D,S	124. Water from 110 to 124. Toosoil yellow clay 10; blue clay 50; hardban 118; loose rock 122; yellow rock 160; brown limestone 190. Water from 170 to 109.
C	on X		. 5	0	E. Schneider	W	Nov. 6,1961	4	12	28	26	*	D	Gravel topsoil 1; yellow clay 10; hardpan 117; loose limestone
c	on X		m 5.	1	W. Fink	•	Oct.22,1960	4	60	26	20		D	121; brown limestone 175. Water from 165 to 175. Well pit 4; sandy clay 10; hardonn 25; blue clay 90; hardonn 115 loose rock shale 120; brown limestone 170. Water from 150 to 170.
	on X		w 2		.Schlotzhauer J. Murray	J. Moore W.D.Hopper& Sons	Sep.24,1963 Dec. 6,1963	30	10 14	60	28 20	*	S D.S	Blue clay 60;gravel 65%. Water at 60. Top clay sand 12;clay stones 34;blue clay 60;herdpan 75;
	on XI		• 6		S.M. Jutzi	P.W. Jackson	Apr. 6,1961	4	10	22	16		D, 3	shale 103; white limestone 123. Water from 115 to 123.  Blackish topsoil lyvellow clay orth 5; sandy soft clay 10; blue clay grit 30; sand rock 35; clay gravel 66; gravel 70.
d	on XI		2	1	C. Becker	W.D.Hopper &Sons	Jen. 7,1963	4	13	27	25	•	D,S	Water from 5 to 10 at 35 and 66.
C	on XI		2	4	W. Becker	w	Nov.27,1963	4	14	28	27	•	D,S	108; brown limestone 140; yellow limestone 155. Water from 140
Ç	on XII	1	<b>"</b> 1	B	P. Weldie		Nov.14,1960	4	10	38	35	•	D,S	
С	on XII		. 2	1	W. Rehberg	P. Jackson	May 25,1962	4	12	102	25	•	D	rock 123; brown limestone 195. Water from 180 to 195. Black loam stones 4; clay grit 60; clay gravel 85; gravel clay
C	on XIII		• 3		S.S.≠ 11	E.McLaughlin & Sons	Jun.17,1960	5	12	76	42	•	P	114;dark brown rock 129, Water at 85 and 114. Topsoil 1;blue clay 11;blue clay stones 38;hardban 52;blue clay 108;hardban 138;soft brown shale 150. Water from 146
C	on XIV	4	<b>"</b> 4	-	M. Nafziger	G.L.Davidson	Jan.21,1963	4	12	55	47	•	D,S	
C	on XIV	4	• 5		E. Ropp	•	Jan.26,1963	4	12	55	47		D,S	138; brown medium hard rock 147. Water at 147. Cley 15; sand 20; hardnen 70; sand 76; hardnen stones 132; medium
C	on XIV	9	<b>"</b> 10	5	B. Debus	W.D.Hopper &Sons	Nov.25,1960	4	10	50	42		D,S	
C	on XV	ò	<b>.</b> 2:	2	O. Diehl	Dur'am Drillers	Feb.27,1961	4	20	17	14		D.S	shale rock 132; brown limestone 197. Water from 100 to 197.
c	on XVI	9	• 6		E. Erb	N. Steinman	Peb.14,1961	4	15	50	38	*	D,S	Water et 111. Dark clay 34;herdoon 74;dork grey cley 96;herdoon 125;grey cley 142;herdoon 159;rock herdoon 166;grey rock 168. Water et 168.

356

PERTH COUNTY	- cont											
Elma Twp. Con I	lot	1	W.J. Smith	C. Keeso	Nov.11,1963	4	15	22	193	Fresh	D,S	Topsoil 3; sendy clay gravel 48; brown shale 83; brown limestone 128. Water from 118 to 128.
Con I	*	6	B. Fisher	*	Jul. 5,1960	4	18	23	19		D,S	Topsoil fill 4; blue clay 12; hardban 40; sand gravel 56; brown shale sand 93; brown limestone 109; white limestone 156. Water
Con I	'n	11	W.P. Brisbin	*	Nov.19,1963	4	15	19	18%		D,S	at 154.  Topsoil 3; sandy clay gravel 48; brown shale 76; brown limestone shale 89; brown limestone 121. Water from 113 to 121.
Con I	*	26	W.N. Campbell	•	Jun.21,1961	4	14	32	30	w	D	Torsoil 10; clay 50; sandy clay 90; shale 112; grey limestone 180. Water at 170.
Con I	#	30	C. Moorhouse		Jul,12,1961	4	18	33	32	"	D	Topsoil fill 3; blue clay 12; sandy clay gravel 53; hardon 78; brown shale 94; brown limestone 122; hard blue limestone 150. Water from 121 to 150.
Con I	•	30	A. Bray	*	Oct. 7,1961	4	18	29	27	w	D	Topsoil 3; brown clay 10; white clay 38; sandy clay gravel 72; brown shale 94; hard brown limestone 126. Water from 110 to
Con I	п	49	W.J.Wettloufer		Oct. 9,1963	4	10	36	31		D	126. Topsoil 5;hardpan boulders 48;blue clay 96;shale 94;brown limestone 132. Water at 128.
Con I	*	54	R.A. Cummings		Oct.19,1963	4	15	64	62		D,S	Dug well 19;herdnen 50;sandy clay 90;shele 100;white limestone 158. Water at 155.
Con I	*	62	A. Armstrong	*	Jun.18,1963	4	15	37	34	**	D,S	Toosoil 5; blue clay 40; hardon 90; sandy clay 110; shale 120; brown limestone 155. Water at 150.
Con II	*	27	W. Whitfield	**	Sep. 8,1961	4	18	44	43	11	D,S	Toosoil 3; white clay 14; sondy clay gravel 34; herenon stones 98; brown shale 118; hard brown limestone 149. Weter from 135 to 149.
Con II	*	28	E. Drager	w	Feb.25,1961	4	18	47	45	п	D,S	Topsoil 3; hardpan boulder 48; sandy clay gravel 95; brown shale
Con III	**	5	L. Hamilton	*	Jul.25,1960	4	18	21	21	**	D,S	108; hard brown limestone 165. Water from 135 to 165. Topsoil 3; blue clay 30; hardpan boulders 5°; sand gravel 94;
Con III	,	5	B.Fisher Farms	n	Aug. 9,1961	4	18	15	14	н	D,S	brown clay gravel 105; red clay 130; brown shale 142; brown limestone 160; white limestone 169. Water from 160 to 169. Topsoil fill 5; blue clay 62; hardoon 80; sandy clay gravel 112; soft red clay 135; brown shale 140; brown limestone 170.
Con III	10.	15	W. Nickol	Durham Drillers	Feb.14,1961	4	10	35	31	и	D,S	Water from 160 to 170. Topsoil 3; brown cley 20; grevel sand boulders 70; fine sand 79;
Con III	**	16	S. Henry	C. Keeso	Sep. 5,1962	4	15	29	23	и	D,S	brown limestone 115;block rock 165. Water at 115. Topsoil 3;white clay 48;sandy clay grovel 73;brown shale 79; brown limestone 152;white limestone 168. Water from 144 to
Con III	n	33	G.Loneybeare		Sep.13,1960	4	18	42	40	и	D,S	168. Topsoil 2; sendy clay 28; hardban boulders 84; gravel limestone 89; hard white limestone 150; brown limestone 168. Water from 138 to 168.
Con IV		4	C. Johnston	W	J-n.11,1963	4	15	18	18	**	D,S	Topsoil 3; brown clay 12; hardnan boulders 39; brown shale gravel 110; brown limestone 15%. Water from 142 to 158.
Con IV		11	S. Telfer	Durham Drillers	Feb.15,1961	4	18	33	30	*	D	Topsoil 5; clay boulders 17; clay 25; red shele 922; brown limestone 125. Water at 116.
Con IV	*	23	M. Thompson	C. Keeso	Nov.14,1963	4	13	47	44		D,S	Topsoil 3%; blue clay 40; snndy clay 62; hardpan 80; sand 93; shale 102; brown limestone 156. Water from 150 to 156.
Con V	n	6	A. Boyd	Ħ	Dec. 2,1963	4	18	21	21	*	D,S	Dug well 25; sandy clay grovel 37; brown shale 72; brown
Con V		8	H. Clark	G.L.Davidson	May 7, 1960	4	15	26	14		D,S	limestone 108; white limestone 118. Water at 110 and 118. Hardpan 21; clay 40; sand gravel 49; sand hardpan 78; shale 92;
Con V	*	15	G.S.Hymers	C. Keeso	Sep.30,1961	4	12	27	211	**	ם	light brown soft limestone 145. Water at 145. Topsoil 3; red clay 13; white clay boulders 32; sandy clay grevel 40; brown shale 79; brown limestone 137. Water from 120 to 137.

	LOCA	TION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T. PURT.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Eli	TH COUNTY ma Twp on V	cont		I. Huisser	Durham Drillers	Jul. 1,1960	4	8	35	32	Fresh	D	Old dug well 20; grey clay stones 74; gravel 26; brown clay
Q	on VI		" 11		C. Ke-so	Sep.21.1960	4	19	20	9	,,	D,S	stones 85;gravel 98;hardran 104;shall 125;brown limestone 180. Water from 160 to 180. Topsoil 2;sandy clay gravel 50;gravel limestone 63;brown
Cc	on VI		<b>"</b> 15	Milling Co. V. Sorensen	n	Jul.19,1960	4	18	11	9		D	limestone 120. Water from 115 to 120. Blue clay boulder 30; hardnan 58; sandy shale 73; brown
	on VI		" 15 " 15		Durham Drillers C. Keeso	Jan.24,1961 Jun. 1,1963	4 4	7 15	25 9	19	**	D,S	limestone 106; white limestone 114. Water from 110 to 114. Dug well 22; clay stones 65; brown limestone 118. Water et 111. Topsoil 2; herdoen boulders 48; brown shale 78; brown limestone
Cc	on VI		* 15	G. King	n	Aug.22,1963	4	14	15	13	*	D	123. Water from 110 to 123. Topsoil 4; hard clay 48; shale 40; white limestone 123. Water at
Co	on VI		<b>"</b> 15	F.M. Day	н	Sep.13,1963	5	40	16	14		In	120. Fill 4; sendy clay 70; brown shale 78; brown limestone 129.
76	on VII		• 4	L. Edgar	N	Dec.19,1963	4	18	27	25	**	D,S	Water from 120 to 129. Topsoil 2; sandy cley 46; hardban boulders 62; brown shale 99; brown limestone 142. Water from 138 to 142.
Co	n VII		" 17	J. Murphy	Durhem Drillers	Feb.21,1961	4	10	17	14	**	D,S	Topsoil 5; clay boulders 35; clay 55; sand 65; limestone 100.
Cc	on VIII		<b>u</b> 15	A. Parkhouse	C. Keeso	Jun. 7,1960	4	15	16	14		D	Water at 85. Dug well 20;herdpan 50;sandy clay 74;blue clay 78;brokn
C	on VIII		<b>"</b> 15	G. Hamilton	*	Jun.15,1960	4	15	9	유물	19	D	limestone 114. Water at 114. Topsoil 3;hardpen boulders 54;gravel limestone 72;brown
Cc	n VIII		<b>1</b> 15	F. Lemmex	"	Jun.25,1960	4	15	Ω	6		D	limestone 100. Water at 100. Topsoil 3; blue clay 40; hardpan boulder 60; red shale 94; brown
Cc	n VIII		<b>"</b> 15	n		Aug.30,1960	4	18	18	8	"	D	limestone 108; white limestone 160. Water at 160. Dug well 25; blue clay boulders 56; gravel limestone 23; brown
Co	n VIII		* 15	0. Smith		Apr.17,1961	4	20	?1	12		D	limestone 126. Water at 126. Topsoil 5; clay boulder 68; brown shale 70; brown limestone 122
Co	on VIII		* 16	Bell Telephone	н	May 17,1960	5	22	11	10 3		P	Water from 115 to 122.  Topsoil 2;blue clay boulder 30;blue clay 55;clay gravel 61; sandy clay gravel 73;gravel limestone 89;brown limestone 106
Co	on VIII		16	F. Lemex	и	Eay 3, 1963	4	18	1	1		D	white limestone 134. Water from 115 to 134. Topsoil 2; hardoen boulder 58; brown shale 88; brown limestone
Co	on VIII		22	C. VanLeevwen	Durham Drillers	Jan.28,1961	4	10	25	15		D,S	140. Weter from 130 to 140. Brown clay 15;grey clay stones 36;hardpan 52;brown limestone 100. Weter at 94.
Co	n IX		12	W. Nichol	C. Keeso	Dec.27,1962	4	15	19	3	**	D,S	Topsoil 2; clay boulders 39; brown shale %6; white limestone
Co	n IX		<b>"</b> 16	Alma Community Centre	*	May 26,1962	4	20	10	6	. "	P	128; hrrd brown limestone 150. Water from 140 to 150. Topsoil 2; sandy clay gravel 22; clay boulders 5°; brown shale 86; brown limestone 128; white limestone 166. Water from 140
Co	n IX		24	N. Cowan	•	Aug. 8,1960	4	18	11	9	•	D,S	to 166. Torsoil P;blue clay 54;sandy clay gravel 72;gravel limestone 33;red shale 100;grey limestone 150;brown limestone 170.
Co	n IX		25	M. Ames	"	Dec.31,1963	4	15	20	18	-	D,S	Water from 160 to 170. Topsoil 3; brown sandy clay 28; bardnan boulders 54; brown shal
Co	on X		11	K. Love	E.B. Hussey	May 27,1961	4	10	17	16	"	D,S	86;brown limestone 130. Water from 124 to 130. Soil 4;sandy yellow clay 20;fine autoksand 30;sandy brown clay 45;hard limestone hardban 90;sand gravel streaks hardro
Co	n X		16	L. Richardson	C. Keeso	Oct.20,1961	4	18	12	9		D	120; rock gravel 140. Water from 135 to 140. Topsoil 2; clay 40; sandy clay gravel 84; brown shale 90; brown
Co	n X	1	16	K.S. Hart	w	Aug.14,1963	4	14	10	8	"	ם	limestone 148. Water from 140 to 148. Clay 30; hardnen 70; sandy shale 97; brown limestone 120. Water
Co	n XI		11	J. Petrie	G.L.Devidson	Jan.20,1962	4	12	25	20	**	D,S	st 115. Dug well 27;herdnen 55;sand 70;hardnen 94;brown shale 100; brown rock 157. Water at 157.

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	Elma Con	Twp c	lot	11	J. Duncan	E.B. Hussey	Jun. 7,1961	4	15	10	5	Fresh	D,S	sandy muddy gravelly cloy 105; shale gravelly hardnan 134; small stones shale gravel 147; gravelly brown clay 200; brown clay 210; brown limestone 211; grzy brown limestone 225. Water
	Con	XII		4	D. Dickinson	C. Keeso	Aug.22,1963	4	15	13	13		D,S	from 215 to 225. Topsoil 3; clay boulders 38; hardnan 84; hrown shale 100; brown limestone 152. Water from 140 to 152.
	Con	XII		7	R. Hurst	Durham Drillers	Feb.22,1961	4	6	25	21		D,S	
	Con	XII		11	A. Stevens	*	Feb.20,1961	4	20	50	14		D,S	
	Con	XII	•	33	J. Steckley	G.L. Davidson	Feb. 3,1961	4	12	32	22		D,S	
	Con	XIII		31	E. Harrow	-	Feb.10,1961	4	12	20	6	н	D,S	
	Con	XX	*	32	E. Ohm	Durham Drillers	Apr. 4,1961	4	10	55	32	"	D,S	Topsoil 3; clay stones 13; send ?3; clay 94; grey limestone 139.
	Con	IIVX		11	A. Young	C. Keeso	Oct.17,1960	4	18	17	16	н	D,S	Dug well 27; sandy clay 50; gravel limestone 68; brown limestone
	Con	IIVX	*	16	G. Metz	*	Nov. 1,1963	4	20	17	15	*	s	104: thite limestone 107. Water from 100 to 107.  Hardman boulders 58; brown shale 113; brown limestone 141.  Water from 128 to 141.
359	Con	XAII	*	26	G. McLory	*	Jun.13,1962	4	20	3	2	**	S	Touscil 2; clay 30; hardnen gravel 58; sendy clay 74; red shale 105; brown limestone 128; white limestone 161. Water from 148 to 161.
•	Con	IIIVX	#	15	Monkton Poultry Farm	•	Nov.18,1960	4	15	20	18		D	Dug well 18; blue clay 42; brown shale 68; brown limestone 102; white limestone 108. Water at 100 and 108.
	Con	XVIII	=	15	F. Offen	•	Nov.23,1960	4	18	12	9	н	D	Dug well 10; blue cley 14; hardnen boulder 40; sendy cley gravel 73; brown shele 84; brown limestone 102. Water from 98 to 102.
	Con	IIIVX	•	15	W. Smith		Jun.19,1960	4	18	13	13	*	D	Topsoil 3; sandy clay 10; gravel sand 30; hardpan boulders 60; brown shale 82; brown limestone 118. Water from 110 to 118.
	Con	IIIVX	*	15	Boyd, Bleckert & Melville		Jun.13,1962	4	20	18	17		P	Dug well 10; sandy clay boulders 38; hardpan 56; brown shale 94;
	Con	IIIVX	×	15		*	Oct.13,1962	44	15	20	18		D.	brown limestone 125. Water from 120 to 125. Topsoil 6;blue clay 40;hardban 85;brown shale 100;brown rock
	Con	XVIII	*	15		•	Oct.23,1963	4	18	23	221	*	ם	110. Water from 105 to 110.  Dug well 15; hardon gravel 52; sandy clay 94; brown shale 113;
	Con	XVIII	*	16	Bell Telephone	. "	Мау 26,1960	5	19	8	6	•	P	brown limestone 142. Water from 130 to 142. Clay boulders 30; blue clay 55; blue clay gravel 73; sandy clay gravel 88; gravel limestone 90; brown limestone 100; white
	Con	IIIVX		16	R. Pestell		Jun. 1,1960	4	20	10	8	*	D	limestone 134. Water from 119 to 134. Topsoil 3;clay boulders 22;sandy clay gravel 55;hard blue clay gravel 58;gravel limestone 93;brown limestone 116. Water from 114 to 116.
	Con	IIIVX		19	W. Scholl	•	Jul.10,1963	41	15	14	13		D,S	
	Con	XVIII	•	23	L. Davidson	*	May 30,1961	4	18	20	19	•	D,S	
	Full:	rton Twp												
	Con				J. Stacey	W.D.Hopper & Sons		4	10	40	29	Fresh	D,S	Yellow clay 10; gravel 14; blue clay stones 56; hardren 6?; brown limestone 120. Water from 110 to 120.
	Con	I		20	B.Varstenbosch	-	Sep.18,1963	4	12	48	46	•	D,S	

LOCATIO	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING		STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - Fullarton Twp. Con III			W.D.Hopper & Sons	Oct.29,1963	4	12	73	72	Fresh	D,S	
Con III	<b>"</b> 24	D. Tuer		Oct. 4,1963	4	10	66	65		D,S	
Con IV	* 26	Ont.Dept. of	C. Goodberry	Dec.16,1960	6	10	112	75		P	hardpan 122;brown limestone 135;hardban 144;brown limestone 170;white limestone 195. Water from 180 to 195. Clay 17;hardban 175;shale limestone 227. Water at 210.
Con V	<b>-</b> 4	Highways W. Fischer	Well DrillingLtd. W.D.Hopper &Sons	Oct.23,1961	4	12	76	67		D,S	Yellow clay stones 42; blue clay 72; hardban 110; gravel 114;
Con V	* 17	N. Witchie	•	Aug. 7,1962	4	10	97	83	•	D,S	hardpan 129; brown rock 174. Water from 160 to 174. Old well 20; clay stones 58; gravel 59; clay stones 103; grey
Con V Con VI	* 28 * 5	W. Holmes H. Robinson	•	May 15,1960 Aug. 8,1962	4	6 7	100 37	90 35		D,S	rock 169. Water from 150 to 169. Clay stones 110;grey limestone 205. Water from 200 to 205. Clay fill 6;clay stones 78;grayel 83;herdoen 92;white
Con VI	• 6	K. Jordan	H.A. Kerr	Dec.30,1960	5	15	35	26		D,S	limestone. Water from 78 to 83. Boulder clay 51;gravelly clay 63;gray limestone 68; Water at
Con VII	• 6	J. Willows	C.&H. Kerr	Sep.18,1961	51/2	13	45	35		D,S	67. Stony clay 7;gravel 12;brown clay 58;gravel 84;gray rock 108. Water at 108.
Con VII	* 17	M. Kane	W.D.Hopper &Sons	Dec.16,1960	4	8	75	65		D,S	Water at 100.  Clay stones 7; blue clay 89; stony gravel 97; stony clay 137; hordoan 154; brown limestone 187. Water from 180 to 187.
Con VII	<b>"</b> 19	L. Weasum	C.*.H. Kerr	Feb.28,1961	4	13	100	85	*	D,S	Boulder clay 50; stony clay Ro; sandy clay 100; blue clay 120; stony blue clay 135; orey rock 203. Water at 202.
Con VIII Con XIII Con XIV Con XIV	" 11 " 12 " 13 " 21	J.NcDougald H. Friesen J. Oke F. Anderson	H. Hudson  W.D.Hopper &Sons	Oct. 5,1962 Jun.27,1963 Jul.28,1962 Apr.13,1961	36 36 36	3 15 4 10	8 8 16 20	6 3 6 17	*	D D,S D D,S	Tonsoil ifine gravel R; clay big stones 12. Water at 6. Brown clay 12; stones 13; clay 14. Water at 13. Brown clay 3;gravel 5; blue clay 16; gravel 17. Water at 16.
Con XVIII	" 24 " 6	W. Brown R. Walkom	C.&H. Kerr	Mar.20,1963 Aug.30,1961	541	13 13	163 140	150 123	*	D,S D,S	limestone 114. Water from 100 to 110. Dug well 4; stony clay 85; grey limestone 171. Water at 168. Blue clay 58; boulder clay 65; stony clay 189; hard grey limestone 239, Water at 238.
MRE	<b>"</b> 18	B.R. Wiebe	E.B. Hussey	Jun.22,1961	4	4	165	89		D,S	
MRE	<b>-</b> 18		*	Aug. 2,1961	4	5	40	21		D,S	Yellow clay ouicks and boulders 25; hardnen hard rock streaks stones 60; hardnan 72. Water from 67 to 72.
MRW Tan	* 12 * 32	L. Pride N. Pridham	R. Hudson Durham Drillers	Oct. 6,1962 Nov. 6,1961	36 4	2 5	25 230	23 208	*	D,S	Topsoil 4; gravel sand 26. Water at 23.
Hibbert Twp.	lot 7	U.S.S.# 1	W.D. Hopper&Sons	Sep.15,1960	4	12	50	45	Presh	P	Sandy clay 10; blue clay 60; hardban 107; loose shale rock 115;
Con I	<b>"</b> 8	J.D. Malcolm	F.W. Jackson	Feb.23,1961	4	10	65	52	*	מ	brown limestone 173. Water from 160 to 173. Black loam 1;yellow clay grit 10;blue clay arit 65;limestone 68;blue clay limestone 98;red blue stone hard heads 100;blue clay limestone 117;limestone 119;redish Trenton rock 149.
Con I	• 9	E. Kleinfeldt	•	Jan. 1,1961	4	10	60	50	•	а	Water at 68; 98; 117 and 125. Black clay loam 2; yellow clay 18; blue clay stone 60; blue clay grovel 100; send rock clay 133; red Trenton rock 148. Water at 100 and 133.
Con I	<b>-</b> 14	F. VanBergen	-	0ct.14,1961	4	13	44	45	•	D,S	at 100 and 133.  Clay stones 26; stones 35; gravel 38; clay stones 89; sandy clay 110; gravel 114; brown limestone 152; light brown limestone 166.  Water from 150 to 166.

		COUNTY -									3			
I	Con	rt Two I			A. Kramers	W.D.Hopper &Sons	Peb.11,1960	4	10	42	35	Fresh	D	Clay stones 82; blue clay 96; gravel 100; brown rock 141. Water at 141.
	Con	I		16		F.W. Jackson	Feb.21,1962	4	12	45	38		P	Fill 2; yellow hardpan 10; blue clay stone 20; clay grit rock
	Con	I		16	Public Works M. McCreight	W.D. Hopper&Sons	Apr.18,1963	4	13	36	35	*	D	stone 93; limestone 140. Weter at 20, 70 and 130. Top clay 5; sond 9; clay stones 55; hordpon 80; cemented gravel 92; brown limestone 120; dark grey limestone 128; white limeston 144. Water from 128 to 144.
	Con	II	×	1	P. Arbogast	**	Nov.19,1963	4	10	40	36	*	D,S	
	Con	II	*	7	C. Mikel	₩	Nov.28,1963	4	10	48	46		D,S	Topsoil 1; yellow clay 10; blue clay 27; coarse gravel 34;
	Con	III		6	S.S.# 1	*	May 2,1963	4	14	53	45	*	P	hardton 90; brown limestone 140. Weter from 130 to 140.  To clay 5; blue clay 55; hardnan 94; cerented gravel 104; grey limestone 129; white limestone 142. Water from 130 to 142.
	Con	IA		4	C. Docking	*	Jun.29,1960	4	10	83	78	#	D,S	
	Con Con			7 24	W.R. Mahaffy P,J. Jordon	F.W. Jackson	Jul. 2,1960 Sep.27,1962	4 4	10 12	46 38	38 18	* Sulphur	D,S	Clay stones 113; grey limestone 195. Water from 190 to 195. Old well 20; clay grit 63; stones gravel clay 73; limestone
	Con	IV	,	25	M. Barry	*	Mar.15,1962	4	12	20	17	Fresh	D	black slate 87. Water at 78. Blackish clay loam 4; yellowish clay 20; gravel 25; clay grit
	Con	IV	н	26	J.L. O'Reilly		Feb.12,1962	4	5	80	10	*	מ	50;grit rock 63;limestone 77. Water from 68 to 77. Old well 20;blue clay grit 40;clay stone gravel 52;grey
w	Con	Δ	*	23	J.F. O'Reilly	*	Aug. 3,1961	4	20	125	4	Sulphur	D,S	yellowish rock 95; limestone 129; limestone blackish rock 135.
361	Con	Λ		25	J. Shes	•	Sep.22,1962	4	15	28	18	Fresh	D	Water at 95 and 129. Clay loam 3; sand clay 6; clay grit 25; grit clay stones 45;
	Con	AI		3	F.W.Hutchison	*	Aug.10,1961	4	5	204	204		D	gravel 58; limestone 72. Water at 45 and 68. Blue clay 40; clay stone 60; gravel clay 67; light dark Guelph
	Con	AI	×	3	N.H.Harris	*	Jan. 9,1963	4	4	63	59	-	D,S	rock 222. Water at 92 and 212. Blackish clay 2; hardpan grit 12; blue clay 20; boulders clay 30; rock clay 69; limestone 83. Water at 72.
	Con	ΛI	•	16	s.s. # 3	W.D.Hopper &Sons	Aug.27,1962	4	8	120	120		P	Top clay 7; clay stones 25; blue clay 47; herdpen stones 80; white limestone 137; grey limestone 162. Water from 140 to 162.
	Con	AII		9	S. Segeren	F.W. Jackson	Nov.10,1962	4	6	165	160		D	Open well 20; clay grit 70; gravel boulders 130; Trenton rock 200. Water at 185.
		VIII		26		R. Hudson	Jul.24,1962	36 36	12	29 13 24	12		S	Brown clay 12; gravel 13; blue clay 30. Water at 12.
	Con	IX	*	27 5	K. Miller	H	Oct. 8,1962 Oct. 8,1962	36	5	24	12 23		D,S	
	Con	Х		28	J. Chappel	W.D.Hopper& Sons	Мэу 27,1960	4	10	253	250	-	D,S	Dug well 34; rock 52; brown limestone 200; white limestone 250; grey limestone 300. Wester from 250 to 300.
	Con		*	8	B. Gardiner	R. Hudson	Aug. 9,1963 Aug.10,1963	36						Brown clay stones 15; blue clay stones 35. Dry hole. Brown clay stones 15; blue clay big stones 35; rock. Dry hole.
	Con	XII			H. Pridham S.S.# 5	**	Aug.10,1963 Sep.17,1963	36 36 36	10	12	3		D,S	Topsoil 2; clay 10; gravel 12; blue clay 16. Water at 10. Brown sandy clay 10; blue clay big stones 19. Water from 8 to
		XII			D. Johns		Oct.16,1963	36	2	19	16		D,S	
		XIA		6 17	H. Norris F. Stewart	HadcoWell Diggins	Oct.12,1962 Jun.16,1962	36 30	3 15	23 17	22 8		D,S	Brown clay 15; blue clay stones 22; gravel 25. Water at 22. Topsoil 1; brown clay rocks 9; blue clay 14; gravel 17. Water at
	Con TRN TRS	XIA	*	20 29 28	H. Pridhem	R. Hudson	Nov. 7,1963 Nov. 5,1963 Aug. 7,1963	36 36 36	1 10 15	20 15 9	18 12 7		D,S D,S D	14. Brown clay 16;gravel 19;blue clay 23. Water at 18. Brown clay 12;gravel 14;blue clay 18. Water at 12. Brown clay 7;stony clay 9;stones 10. Water at 7.
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	LOCATI	ON L		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY -	- con	t.										
Logs	n Twp.	10	t 2	F. Geisler	W.D.Hopper &Sons	Nov.25,1963	4	10	17	15	Fresh	D,S	
Cor	I		35	E. Hesly		Jen.24,1961	4	12	53	50		D,S	limestone 38; brown limestone 105. Water from 95 to 105. Fill 4; yellow clay 10; blue clay 30; hardban 110; loose rock
Cor	II		16	H. Adems	•	Feb.15,1963	4	11	35	33		D.S	115; brown limestone 166. Water from 159 to 166. Top clay 5; sand 9; clay stones 28; blue clay 80; stones 83;
												1	hardpan 92; brown limestone 115; white limestone 13?. Water from 115 to 132.
Cor	II		27	L. Barker	•	Nov.21,1960	4	10	56	52	*	D,S	
Cor	II		35	E. Rowland	F.W. Jackson	Nov.17,1962	4	12	60	50	*	D	Clay fill 2; yellow hardnen 10; grit boulders stone clay 80; clay grit 99; limestone 109; Trenton rock 124. Water at 110.
Cor	III		3	W. McPadden	W.D.Hopper &Sons	May 6, 1961	4	11	24	22		D,S	Topscil 2; clay stones 25; blue clay 50; hardban 82; brown
Cor	III		6	L. Gordner	F.W. Jackson	Jul. 6,1961	4	10	83	68		מ	limestone 136. Water from 120 to 136. Clay loam 2; yellow clay hardnan 16; sand 40; blue clay grit
1921		nile.	1712			m ar 2 m w							70; sand 80; gravel 90; clay grit 94; sandstone rock 104; limestone 121. Water at 16, 70 and 115.
	III		24	hem	W.D.Hopper &Sons	Jul.25,1960	1	10	53	50		D,S	
Cor	III	*	32	L. McCerthy	•	Feb.18,1961	4	10	53	50	•	D,S	Topsoil 1; yellow clay 10; hordren %0; rock 85; yellow limestone 140; brown limestone 170. Water from 160 to 170.
Cor	IV	:#	17	W. Hill	•	Oct.15,1960	6	60	24	20	-	In	Yellow clay stones 45;gravel 50;stony brown clay 70;brown limestone 147. Water from 137 to 147.
Cor	IV		33	C. Higenell		Oct. 7,1960	4	11	47	46	•	D,S	
Cor	<b>V</b>	•	13	D. Rose	•	May 1,1961	4	10	31	31		D,S	Fill 7; clay stones 32; stones hardpan 54; hardpan 72; grey
Cor	V	*	15	E. Rock		Jul.30,1963	4	12	33	30		D,S	
Cor	V	w	18	Stovel & Hill		Mer.16,1963	6	10	39	32		C	85; brown limestone 143. Water from 135 to 143. Yellow clay 16; blue clay 58; hardpan 79; gravel 84; brown
Cor	AI		12	L. Rolph	•	May 16,1961	4	13	20	18	*	D,S	
Cor	VII		8	K. Wood	•	Oct.15,1962	4	14	24	22	•	D,S	115; grey limestone 125. Water at 110 and 125. Top clay 4; clay stones 22; blue clay 45; hardnan 54; yellow
Cor	VII		9	P. Connolly		Jun.12,1962	4	13	14	13		D,S	limestone 109;grey limestone 139. Water from 120 to 139. Top clay 6:sand 9:blue clay 28:stones 34:hardoan 56:dark
	VII		14			Jun. 5,1961		13	26	193		D,S	brown limestone 97; brown limestone 115. Water from 97 to 115. Fill 6; silty clay 33; stony hardpen 80; white limestone 115;
	VII		23	5 100 E 100_0000000 100.00		Oct.24,1963		13	34	33		D	grey limentone 125. Water at 110 and 125. Top clay 5;send 22;stones 25;hardnan 62;clay 79;brown
	VIII		18			Nov.22,1963		14		28			limestone 130; white limestone 154. Water from 130 to 154.
					_				29			D,S	Top clay 5; clay 14; stones clay 35; blue clay 47; brown limestone 81; light brown limestone 99. Water from 81 to 99.
Con	VIII	_	23	K. Neubrand	-	Oct. 5,1962	4	14	27	25₺	"	D,S	67; clay 70; vellow limestone 124; grey limestone 149. Water
Con	AIII		31	E.S.Ahrens	F.W. Jackson	Jun.21,1962	4	12	72	43	•	D	from 124 to 149. Gravel stone 8; yellowish clay 20; blue clay grit 60; shale 62;
										250			blue clay 85; gravel rock 95; brown tan Trenton rock.115. Water at 85 and 103.
Cor	AIII		34		*	Dec.15,1960	4	10	60	30		Œ	Dark cley topsoil 1; sand stones 12; limestone clay 80; reddish Trenton rock 85; grey blackish limestone 99. Water at 85.
Con	IX		29	C. Rose	•	Jan.13,1961	4	10	60	52		ם	Blackish clay loam 2; vallowish clay grit 15; blue soft clay 25; firm blue clay 75; blue clay rock 94; redish rock 104; redish
													soft mix 109; red Trenton rock 133. Water at 80, 90, 104 and

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	Logan Twp Con X		9	E.F.Kenny	C. Keeso	Oct.30,1962	46	14	24	22	Fresh	D,S	
	Con XI	٠	8	P. Gross	W.D.Honner& Sons	Jun.14,1961	4	14	25	24		D,S	limestone 105;white limestone 110. Weter from 106 to 110. Fill 6;stony clay 27;stones 35;stony clay 55;hordoon 69;grey limestone 120. Water from 105 to 120.
	Con XII		21	R. Pfeifer	F.W. Jackson	Dec,21,1960	4	10	16	14	×	D	Light clay loam 2; yellow clay grit 10; stone bluish clay 15; clay limestone 28; reddish block limestone 73. Water at 35.
	Con XII	н	24	H. Gaffney		Nov.27,1963	4	18	20	20	*	D	Clay topsoil 3; clay stone 20; clay grit rock 37; limestone 49. Water at 39.
	Con XIII	п	12	B. Kolkman	C. Keeso	Feb. 4,1961	4	15	20	19		D,S	
	Cor XIII		28	W. Osborn	W.D.Hopper& Sons	Jul.11,1962	4	15	11	10		D,S	120 to 124. Fill stones 7; yellow clay 20; stones 24; hardpan 39; stones 44: hardpan 50; rock 56; yellow limestone 78; afey limestone 111.
	Con XI¥	**	Ö	O.A.Bannerman	C. Keeso	Oct.16,1963	4	18	35	29		D,S	
	Con XIV		9			Мау 23,1961	4	16	11	9		D,S	
	0 VT-1			. 7		n							limestone red shale 64; sandy rock 73; white limestone 128. Water from 120 to 128.
	Con XIV		10			Feb.11,1961	4	18	22	19		D,S	108. Water from 100 to 108.
	Con V		3	C. Davidson		Nov. 6,1960	4	18	21	21	•	D,S	brown limestone 98; white limestone 147. Water from 100 to 147.
	Con XVI		12	Metz Chick Hatchery	•	:0v.14,1960	41	18	14	12	**	S	Stony clay 40; gravel loose limestone 70; brown limestone 136.
363	Con XVI	•	14	Shade & Baier		Jul.18,1963	4	15	20	13	"	D	Dug well 9; blue clay 50; sandy clay 90; shale 92; brown limeston 129. Water at 125.
	Con XVI		19	D.H. Stewart		Oct.25,1960	4	12	24	19		D,S	
	Milverton V			J. Kniez	HadcoWell Diggins	Dec. 8,1960	30	25	49	41	Fresh	ם	Topsoil 1; brown clay 11; blue clay 24; blue sand 241; blue clay 41; sand 47; blue clay 49. Water at 34 and 41.
	Milverton	Vlợ.		Town of Milverton	G.L. Davidson	Oct.13,1962	10	165	88	46		F	Clay 34; shind 3°; clay 42; send 44; clay hardnen send 10°; send grevel 108; send hardnen 13°; brown herd rock 15°; brown herd buff rock 15°. Water from 153 to 15°.
	Mitchell To Mitchell to			R. Robertson	W.D.Hopper &Sons	Aug.30,1962	4	10	54	50	Fresh	D	Clay stone 60; hardnen 88; brown limestone 121. Water from 110 to 121.
	Mornington Con I		1	S. Bay		Jul.10,1961	4	13	33 <sup>1</sup> 2	33	Fresh	D,S	Clay 7; send 26; blue clay 68; stones hardman 103; gravel 106; yellow limestone 122; brown limestone 155. Water from 140 to
	Con I		3	J. Roes	•	Nov.15,1961	4	10	40	33	•	D,S	loose rock 124; brown limestone 160; brown white limestone 170.
	Con I Con I	*	6 11	E. Groop A. Albricht	HadcoWellDigging Steinman &Beird	Oct.12,1960 Dec.21,1962	30 7	10 40	73	6 59	:	D,S	Water from 155 to 170. Topsoil 2; brown clay 6; fine gravel sand 14. Water at 6. Brown clay 17; gravy clay P3; grav hardoan 114; dirty gravel 135; gravel lime-tone 154; brown gray lime-tone 225; gray limestone 231. Water from 225 to 231.
								1		1			7 20

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE OF WATER'	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY -												
Con	ington Twp	lot			N. Steinman	Aug.13,1960	4	10	74	49	Fresh	D,S	Brown cley 66;grevel herdoen 116;brown cley 128;herdoen 178; gravel 183;herdoen 187;brown clay 208;grevel 220. Water at
Con	I		18	M. Mayberry	•	Oct.27,1961	5	9	76	42	*	D,S	220. Brown clay 24; fine send 41; grey clay 69; hardown 86; fine sand 87; hardown 146; rock slab 152; brown limestone 174. Water from 64 to 74.
Con	II		5	A. Baird	G.L. Davidson	Fet 17,1961	4	12	44	30	*	s	Clay send 36; stony hardnen 114; brown shele 125; hard brown
Con	II		16	W. Poole	Steinman &Baird	Sep. 7,1963	4	12	75	46	*	D,S	rock 152. Water at 152. Grey clay 86; brown clay 90; dirty sandy gravel 113. Water at
Con	II		16	A. Brunk	N. Steinmen	Mar. 2,1961	5	12	53	47	•	D	109 and 113. Grey clay 67; hardwan 76; writty clay 92; wravel 96. Water from
Con	11		18	I.Schwartzeni-	-	Aug.30,1960	5	12	72	60		D,S	92 to 96.  Brown clay 19; fine sand 24; hardnan 34; blue clay 138; hardnan
Con	III		4	ruber H. Schade	Durham Drillers	Mar.10,1961	4	15	25	23	•	D,S	164; brown clay 180; gravel 192. Water from 190 to 182.  Dug well 27; clay 122; sand 217; clay small stones 253; grey
Con	IV	*	6	N. Steckley	N. Steinman	Nov.27,1961	4	12	55	47		D	limentone 325. Water at 316. Grev clay 22; blue clay 11; hardnan 99; brown clay 110; hardnan
	IV		9 17	I, Henning R. Kuepfer	HedcoWell Digging G.L.Davidson	Jan. 19,1961 Key 1, 1962		25 12	16 50	10 40	:	D,S	191; shale 123; gray limentine 112. Water at 132. Tonsoil 1; brown clay 5; grayel sand 16. Water at 10. Clay 15; sand 26; hardnan 60; sand 87; hardnan 117; sand 127; shal
Con	IV		18	D. Leis		Dec. 3,1962	4	15	32	14		D,S	153; grey limestone 170. Water at 170. Sand 5; clay 48; hardnen 90; shale 102; grey rock 142. Water at
Con	V	*	9	L. Ropp	*	Jun. 1,1961	4	20	22	12		D,S	142. Sand gravel 9; stony clay 56; stony hardman 88; soft brown she
Con	Δ		18	R. Steckley	*	Jan. 3,1962	4	14	36	29		D,S	10%; brown limestone 140; grey limestone 157. Water at 157. Clay 5; sand gravel stones 75; hardman 123; brown shale 125;
Con	VI		2	I. Kuepfer		Jan.28,1961	4	12	52	44		D,S	brown rock 169. Water at 168. Old dug well 46; send grevel 64; stony herdpen 102; soft shale
Con	VI		6	A. Brenneman	C. Keeso	Sep. 4,1963	4	13	37	35		D,S	118; hard brown rock 165. Water at 165. Dark sandy soil 3; sandy clay gravel 56; brown shale 122; brown
Con	VII		9	M. Davidson	G.L.Davidson	Feb. 2,1963	4	10	55	47		D,S	limestone 154. Water from 149 to 154. Clay 7; hardpan 47; sand 53; hardpan 100; shale 131; brown rock
Con	VII		15	B. Wallace	HadcoWellDigging	Jul.24,1962	271	2	27	20		ם	185. Water at 185. Topsoil 1; brown hardban 14; blue clay 20; gravel 21; blue clay
Con	VIII		7	S.Ares No. 1	C. Keeso	Jun.21,1963	5 <del>1</del>	85	38	37	•	P	22;gr vel 25;hlue cley rocke 28. Weter at 20. Tobsoil 2;hertoen boulders 68;s ndy cley gravel 10°;brown shele 127;herd grev limestone 175;brown limestone 192;white
	VIII		1?	C. Herffort	Banes Drilling Co.			10	23	18		D,S	
	XI	*	7	G. Torrance	C. Keeso	MOV. 9,1961		15	45	43		D	Dug well 32; hardnen gravel 54; sandy clay or wel 111; brown shale 125; brown limestone 120. Water from 160 to 120.
Con	XII		16	S. Stemmler	Durhem Drilling	Mar.15,1963	4	12	60	50		D	Clay 100; revel boulders 150; brown clay 175; stones gravel 19 Water at 182 and 190.
Con	XIII	"	17	J. Henhoeffer	C. Keeso	May 15,1961	4	18	50	48	•	D,S	Tonsoil 3; clay boulders 100; brown clay 124; brown shale 144; white limestone 158; blue limestone 194; brown limestone 199; blue limestone 204. Water from 190 to 204.
	h Easthone	Twp	.										
Con		lot		D. Heinbuch	C.&H. Kerr	Mar.14,1960	6	15	35	41	Fresh	P	Blue clay 30; moral 32; blue clay 65; stony clay 72; zroyal clay 74; clay 75. Water from 72 to 74;
٥n	1	*	26	L. Nau	*	Dec.26,1961	41	15	60	45		0,8	

							1				1		Water from 349 to 256.
	Con I	•	36	Jones Mfg.Co. Ltd.	McLaughlin Water Well Drilling	Nov.18,1963	5	15	75	39	*	С	Topsoil 2; gravel 7; gravel clay 19; red clay 40; sand 56; sand clay 85; hardpan clay 166; sand 169; gravel 171. Water at 170.
	Con I	48	37	D.R. Morris	C.& H, Kerr	Apr.27,1960	5	15	30 25	16		D	Clay 29; brown sand 38; coarse sand 51. Water at 50.
	Con I	*	40	K. Abel	Had cowellDigging	May 31,1961	30	8	25	12	•	D	Topsoil 2; brown clay 7; brown sand 12; blue clay 25; gravel 26. Water at 25.
	Con I	***	43	J. Udari	W.D.Hopper &Sons	Aug. 1,1961	4	10	58	55	•	D	Yellow clay 15; stony clay 40; blue clay 85; hardman 152: loose rock 154; brown limestone 202; black white limestone 212. Water from 200 to 212;
	Con II		7	S.S.# 7	C.&H. Kerr	Jul.26,1960	4	15	36	34		P	Clay 22; marl 24; clay 52; hardban sand 64; sand clay streaks 102; boulders 112; hardban 150: limestone 181. Water from 170 to 181.
365	Con II		25	5 000	33 3		30	5	29	24	*	D,S	Topsoil 1; brown clay 8; brown sand 24; coarse sand 28; fine gravel 30. Water at 24.
	Con II	н	43	J.D. Kelley	C.& H. Kerr	Dec. 3,1962	5	15	110		10	D,In	Blue clay 26; soft blue clay 32; blue clay 65; stony clay 71; blue clay 110; stony clay 130; blue clay 145; grey limestone 189. Water from 180 to 188.
	Con II		44		HadcoWellDigging		30	5	19	12	n	D	Topsoil 1; brown clay 12; brown fine sand 16; blue sand 20. Water from 12 to 20.
	Con II			Dr.K.B. Schlotzhauer	C.& H. Kerr	Jul.16,1962	5	15	80	62		D	Brown clay 12; soft brown clay 42; boulders clay 116; brown shale 123; grey limestone 152. Water at 152.
	Con III		14		HadcoWellDigging		30	2		10	#	D	Topsoil 2; brown sandy clay 12; blue sandy clay 19; b we clay 24. Water at 15.
	∞n III		28		Banes Drilling Co.		39	10	8	4	*	S	Brown clay 3; coarse brown sand 7; grey clay 15; grey hardman 18. Water at 4.
	Con III		39	T. VanNes	W.D.Hopper &Sons		4	17	44	421	"	D,S	Clay fill 7; sandy clay 20; blue clay sand 70; clay stones 98; hardman 147; gravel 152; brown limestone 179; gravel limestone 207; Water from 190 to 207.
	Con III		40	W. VanAverbeke		Jun.11,1963	4	8	70	65		D.S	Clay 38; sand clay 42; hardnan 145; sand 155; hardnan 182; gravel 187; hardnan 193; grey rock 248. Water at 248.
	Con III		44		C.& H. Kerr	Jan.18,1963	4	13	80	60	**		Soft blue clay 30; blue clay 65; stony clay 80; soft blue clay 84; stony blue clay 157; brown limestone 190. Water at 188.
				**		7 44 44/0	1. 1						

PERTH COUNTY - cont.

Con I

Con I

Con I

Con I

Con IV

Con IV

Con IV

Con IV

North Easthone Twp.cont. Con I lot 31 L. Pletsch

w 36

\* 36

" 36

" 33 M. Wilhelm

J. Hood

Ryerson

Leather Goods

G. Weinheimer

H. Kaufman

" 10 W. Green

" 12 F. Neeb

" 17 B. Neidig

G.J. Wallis

C.&H. Kerr

G.J. Wallis

F. Ince

Steinman &Baird

W.D. Hopper &Sons

Dec.17.1963

Oct.16.1963

Apr. 8,1961

Jul.15,1961

May 1,1963

Jun.11.1963

Oct.25.1963

Sep.11,1963

Nov.22,1962

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40

D,S

Fresh

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11

19

22

Gravelly brown clay 20:gravelly grey clay 61:sandy grey clay

78; cerented sand grovel 88; sand gravelly blue clay 110; sandy blue clay 15; clay alt sand gravel 160; hard gravelly blue clay 171; light brown limetone 25. Water at 195 and 220.

Blue gravelly clay 35; fine brown sand 101; blue clay gravel stones 135; cemented sand gravel 172; clay seems light brown

Old dug well 28; blue clay 43; hardnan 109; blue clay 125; sond

Topsoil 1:yellow clay 15:sand 20:blue clay 60:stony har'non

Topsoil 1; yellow clay 15; sand 20; blue clay 60; harden 195; cemented gravel limestone 204; brown limestone chart 256.

Sand 15: brown clay 83: blue clay 100: hardpan 150: brown

D,S Light brown clay 14; sand gravel clay 35; blue clay 142; cerented gravel sand blue clay 190; hard clay gravel stones 201; white

Brown clay 20: clay 180; cerent gravel 220; stony clay 276;

Blue clay 48; fine sand 59; blue clay 64; hardoan 78; grey clay

190; writty clay 199; hardnan 225; shale 243; grey limestone 310.

limestone 176. Water from 165 to 176.

limestone 342. Water at 330.

Water at 310.

grey limestone 255. Water at 236 and 250.

205: loose rock 209: brown limestone 260. Water from 235 to 260.

limestone 230. Water at 206 and 228.

129; blue clay 138; gravel 143. Water at 139.

59

125

125

110

44

32

107

90

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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Non	H COUNTY - th Easthone n IV	Twp.	con	t. H. Kollmen	F. Ince	Sep.16,1963	6	25	50	40	Fresh	D,s	Dug well 15;hardpan 130;quicksand cement gravel 164;
Q	n IV	и	38	#		Oct.22,1962	6	25	50	45	**	D,S	limestone 205. Water at 200. Brown clay 15:blue clay 100:cement grayel 115:brown hardonn
Co	n V	×	3	A. Wettlaufer	C.&H. Kerr	Nov.30,1962	4	12	80	60	**	D	170; limestone 210. Water at 205. Clay 16; soft clay sand 38; clay 120; boulders 150; grey limestone 203. Water at 201.
	n V n V	11	20 35	Twp. Easthage A. Frybogel	J. Moore F. Ince	Dec.10;1962 Oct. 1,1963		5 24	40 45	25 40	19	P D,S	Topsoil 2; brown clay 45; coarse gravel 50. Water at 45. Brown clay 6; quicksand 30; hardnan 120; cerent gravel 174; rock 211. Water at 209.
C	n VI	**	18	A. Cook	HadcoWell Digging	Jun.14,1962	30	3	23	18	w	D	Topsoil 1; brown hardpan 6; brown clay 13; brown sandy clay 18; sand 22; hardpan 22; gravel rocks 24. Water at 22;.
C	n VI	n	31	A. Dotzert	F. Ince	Mar.25,1963	6	20	65	60	H	D,S	Brown clay 8; quicksand 80; stony clay 247; sandy shale 257; limestone 200, Water at 295.
Co	n VI	12	36	A.G. Horne	*	Sep.24,1963	6	24	50	35	m	D,S	Brown clay 8; quicksand 30; hardban 130; cement grovel 167; rock 218, Water at 216.
Co	n VIII	**	7	W. McDonald,	C.& H. Kerr	Aug.22,1960	4	15	60	58	10	D	Clay 18:marl 19:clay 79:hardnan 103:houlders 116:clay 158:
C <sub>c</sub>	n VIII	"	28	S. Rose	,,	Nov. 1,1961	4	15	60	45	*	D,S	hardman 167; limestone 198, Water at 196. Blue clay 108; stony clay 126; boulders 130; stony blue clay 205; silty sand 208; stony clay 230; grey limestone 258. Water at 257.
	n VIII n IX	17	37 16	K. Rieck J. Lindner	J. Moore N. Steinman	Jul.26,1962 Mar.15,1960		10 15	48	20 43	**	D,S	Clay 30. Water at 30. Clay 24; sandy clay 29; sand 41; fine dirty gravel 57; blue clay T9; herdnen 84; sand 85; fine dirty gravel 102; herdnen 122;
Co	n IX	n	34	A. Satchell	HadcoWellDigging	May 31,1962	271	4	29	15	ř.	D,S	gravel 156;clay 178;gravel 191. Water at 191. Topsoil 1;brown clay 13;blue sand 18;blue clay 20;blue sand 24;blue slay 30. Water at 15 and 20.
C	n IX	n	35	M. Carroll	W.D.Hopper &Sons	ct.30,1962	4	14	38	37	•	D,S	Yellow clay stones 34; sandy clay 72; stones 76; hardoen 132; herdpen stones 158; brown limestone 169; white hard limestone 186; brown limestone 209; white hard limestone 228; brown limestone 238. Water from 223 to 238.
Co	n IX	н	36	H. Gray	Had coWellDigging	Jul.12,1961	30	10	29	12	'n	D	Topsoil 1; brown clay 6; brown fine sand 16; blue clay 29. Vater from 8 to 16.
Q	n X	H	13	F. Robertson	C.& H. Kerr	Jan.21,1963	4	20	30	20	"	D	Boulders clay 35; hardran 95; boulders 130; sandy clay 181; limestone 200. Water at 200.
Co	n X	77	21	W. McDonald	*	Nov.13,1962	4	17	30	3		D,S	Brown clay stones 22; blue clay 39; stony clay 120; gravelly clay 146; grey limestone 152. Water at 150.
Co	n X		22	K.A. Roth	E.McLaughlin&Sons	Jun.18,1960	5	15	55	30	n	D,S	Topsoil 1; herdban sand 24; herdban stones 81; hardban clay 135; quicksand 141; hardban 167; gravel 169. Water at 167.
	n X n XII	"		J. Berg W. Schmidt	J. Moore Steinman & Baird	Nov.13,1963 Oct.22,1962	30 4	10 14	20 86	18 71	,	D,S	Fine send 20; coerse send 25. Water at 18. Grey clay 59; hardban 66; grey clay 113; dirty fine send 118; hardban 148; grey brown shale hardban 186; grey brown limestone
Co	n XII	•	31	A. Shultz	N. Steinman	Jul.28,1960	4	15	74	29	•	D,S	252. Water from 225 to 251. Hard gritty clay 31;brown clay 47;sandy clay 52;blue clay 73; hardoan 81;dark clay 101;gritty clay 145;clay rock 156;brown limestone 184. Water from 180 to 184.
	ary's Town .Mary's Town	n		Curling Club	W.D.Hopper &Sons	May 21,1963	5	12	37	35	Fresh	P	Stony clay 10; rough gravel 25; hardpan 30; grey limestone 80; brown limestone 165. Water at 130, 150 and 165.

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12	Con	Easthope I	lot		O. Wegler	Steinman &Baird	Mar.29,1963	4	15	60	33	Fresh	D,S	sand gravel 152; stony clay 170; sandy gravel 177; grey
	℃n	1		11	A.Ankenmann	C.&H. Kerr	Apr. 6,1960	45	15	30	24		מ	limestone 185. Water from 183 to 185. Clay 24;marl 25;clay 42;fine sand 131;hardnan 158;sand clay gravel 170;limestone 190. Water at 190.
	Con	I	*	20	W. Roth	G.J.Wallis	Sep.27,1963	6	20	32	26	•	D,S	Brown gravelly clay 24; sand 32; grey sandy clay 62; grey clay 140; cement sand gravel clay 196; sand gravel silt 208; light
	Con	I	*	21	E. Klinkman	C.&H. Kerr	Jan.15,1962	4	15	24	16	*	D	brown rock 240. Water at 237. Blue clay 30;soft blue clay 80;blue clay 195;grey limestone
	Con	I	•	21	Muttart Homes Toronto Ltd.	Had coWellDigging	Aug.31,1962	271	3	39	23	•	D	229. Water at 229.  Topsoll 1;brown clay 12;blue grey clay 22;sand 26;grey clay 30;gravel 32;blue clay 36;sand 39;blue clay 40. Water at 22,
	Con	I	•	22	C.N.R.Station		Nov.30,1962	30	3	28	18	•	D	30 and 36. Cinder fill 5;brown micky sand 8;brown clay 14;blue clay 18; gravel sand 22;blue clay 23;gravel 25;blue clay 27;gravel
	Con				K. Fink	F. Ince	Oct.29,1963	6	24	60	50 60	:	D,S	send 28; blue clay rocks 29. Water at 18, 23 and 27. Brown clay 16; hardoan 186; grevel 244; rock 256. Water at 250.
	Con		*	27	A. Kebbel	•	Oct. 9,1963	6	24	60			D,S	Brown clay 8; hardpan 190; cerent gravel 218; limestone 230. Water at 228.
	Con			37 37	K. Kern G. Feick	C.& H. Kerr	Oct.12,1960	5 5 4	15 15 10	18	14		D D	Top clay 4; dirty sand 47; clean sand 50. Water from 45 to 50. Brown clay 46; coarse sand 53; Water from 48 to 53.
	Con			37	K. Tolton	W.D.Hopper&Sons	Apr.17,1963 Sep.10,1962	4	10	30 48	15 45		D	Yellow clay 10:sand 80:hardpan 180:cemented gravel 194;brown
			1								~	_	_	limestone 230. Water from 210 to 230.
v :v	Con	1		38	W. Anderson	•	Mar.29,1963	4	10	39	38	-	D	Yellow clay 18; sand 35; blue clay 95; hardpan 179; gravel 186; brown limestone 214. Water from 210 to 214.
67	Son	Ī	*	40	G. Mohrmann	C.& H. Kerr	Jun.10,1960	4	15	69	62		D	Clay 16;marl 20;clay 80;rrayel 81;hardman 138;sand clay streeks 168;limestone 188. Water at 185.
	Con	I	*	40	F. Ducck	W.D. Hopper&Sons	Jun.28,1961	4	10	60	55		D	Fill topsoil 4; yellow clay 15; blue clay 60; hardban 160; cemented gravel 170; loose rock 179; brown limestone 218. Water
	Con	I		40	P. Kennett	HadcoWellDigging	Dec.16,1961	271	4	19	8	*	D	from 200 to 218. Topsoil 1:brown clay P;fine gravel 11;grey sandy clay 20. Water at 9.
	Con			42	E. Raps	C.&H. Kerr	Nov. 1,1960	41	15	65 52	55 40		D	Stony blue clay 160; grey limestone 174. Water at 174.
	Con	1		42	J. Innes		Oct.15,1963	4	12	52	40		D,S	Brown clay boulders 50; sandy clay 165; grey limeatone 174.
	Con	I		44	Fischer Bearing Co.	**	Aug.18,1961	8	275	67	62	Sulphur	In	Brown clay 26; boulders clay 88; dirty gravel 94; clay 127; marl 128; hardeen 148; shale 153; brown white streaks limestone 297. Water from 180 to 297.
	Con	II	•	17	E. Bundscho	G.J. Wallis	Oct. 7,1963	6	20	75	21	Fresh	D,S	
														162; herd gravel packed clay 169; light brown limestone 180. Water from 169 to 180.
	Con	II		20	L. Wilhelm	•	Mar. 2,1963	6	25	68	14	•	D,S	Light brown cley 24; grey sandy silt 55; blue clay gravel stones 74; dirty sand gravel silt 102; sand gravel clay 120; sand clay silt 127; hard clay gravel 167; grey limestone 199.
	Con	II	•	21	G.J.Wilhelm	Ħ	Sep.20,1963	6	20	40	17		D,S	Water at 196.  Light brown cley 25; grey sandy silt 58; grey clay sand gravel  70; sandy grey clay 88; sand clay 110; gravelly grey clay 174;
	Con	11		25	C. Faulhafer	C.& H. Kerr	Jun.29,1963	4	12	60	46		D.S	brown rock 210. Water at 205.
														blue clay 180; brown rock 220. Water at 216.
	Con			36	J. Sebben	G.J. Wallis	Dec.31,1963	6	15	60	35		D,S	Gravelly brown clay 18; sand gravelly blue clay 130; hard blue clay gravel 164; brown limestone gravel 170. Water at 164.
	Con	II	•	41	P. Langford	W.D. Hopper&Sons	Apr.22,1963	4	8	40	40		D	Clay 26; stones 31; sand 173; grey rock 212. Water at 212.
														A No found of the end of Appendix C

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	COUNTY - h Easthone				1								
	111	lot	16	I. Zehr	Steinman & Baird	Mar.21,1963	4	18	52	42	Fresh	p,s	Brown clay 16; sand clay 36; fine sand 69; grey clay 94; gritty hardorn 115; fine sand 126; hardnen 154; limestone 159; grey limestone 186. Water from 182 to 186.
Con	III	•	21	J. Detrich	G.S.Wallis	Mar.22,1963	5	15	54	38	*	D,S	Light brown clay loam 12; grey clay 35; fine sand clay 62; blue clay sand 131; stones gravel clay 138; fine sand 161; clay gravel 176; gravelly hardran limestone 17°; grey limestone 201. Water
Con	III		24	W. Berg	C.& H. Kerr	Dec.19,1963	4	15	75	60		D,S	at 198.  Brown clay 163; fine sand 165; stony clay 186; grey limestone 227. Water at 226.
Con	III	*	27	K. Megrazis	W.D.Hopper &Sons	Sep'.5, 1961	4	14	27	25	•	D,S	
Con	111	•	34	L. Faulhafer	C.& H. Kerr	Oct.18,1962	5	15	70	50		D,S	Dug well 17; blue cley 120; stony blue cley 153; stone sand clay 180; grey limestone 197. Water at 195.
Con	III		44	C.Gray & J.C. Kalbfleisch	J. Moore	Jun.22,1963	30	2	25	20		D	Topsoil 2; blue clay 25; gravel 35. Water at 25.
Con	III	•	46	D.Listran & W.Borthwick	W.D.Hopper &Sons	May 31,1962	4	13	51	50	•	D	Fill 5;send 9;cley stones 35;herdoen 90;sendy cley 105;herdoen 90;sendy cley 105;herdoen 149;brown limestone 185;grey limestone 201. Water from 195 to 201.
Con	IA		13	W. Bender	C.& H. Kerr	May 5,1963	4	13	70	50		D,S	
Con	IV		21	A. Wilker	C.H. Kent	Nov.28,1963	5	12	60	40		D,S	Yellow sand 20; quicksand 50; gravel sand 75; sandy hardon 125;
Con	IV	•	25	W. Smith	Steinman & Baird	Oct. 2,1962	4	15	45	38		D,S	send 160;dirty gravel 172;grey limestone 177. Water at 177. Brown clay 15;grey clay 21;grey hardeen gravel 145;clay gravel 160;grey clay 165;grey gritty hardean 206;brown grey limestone 209. Water from 207 to 209.
Con	IÀ	•	26	O. Reibling	N. Steinman	Sep.15,1961	4	14	53	46	٠	D,S	Brown clay 30; hardonn stones 55; brown clay 103; hardonn 139; gritty grey clay 160; hardonn 166; brown clay 190; shale 191; brown 1mestone 199; grey 1 timestone 202. Water at 199 and 202.
Con	IA		29	W. Otto	C.&M. Kerr	Nov.27,1963	4	12	65	47		D,S	Brown clay boulders 75; brown clay 110; stony brown clay 195; sandy clay 20; grey limestone 213. Water at 212.
Con	IV	*	33	L. Wicke	W.D.Hopper &Sons	Sep. 1,1960	4	10	70	65	•	D,S	Sandy Clay 205;grey limestone 215. Water at 212. Topsoil fill 3;sand 8;yellow clay 15;blue clay 50;stony hardpan 195;cemented gravel 212;grey limestone 215;brown limestone hard streaks 256. Water from 240 to 256.
Con	IV	•	36	W. Weitzel	•	Dec. 8,1961	4	18	36	32	•	D,S	Clay 17; tones clay 35; sand 45; clay 68; sandy clay 97; hardban 140; clay stones 190; gravel 194; black white limestone 223. Water from 210 to 223.
Con	IV		39	J. Heinbuck	•	May 13,1963	4	10	52	50		D,S	Topsoil 1; coarse sand 20; gravel 30; blue clay 70; hariban 180; cemented gravel 187; brown limestone 205. Water from 200 to 205.
Con	IV	*	41	E. Kropf	Steinman & Beird	Oct. 7,1963	4	14	85	71		D,S	Clay 17; sand 37; hardpan 59; grey clay 89; hardban 106; grey clay 135; hardban 144; sand 156; gritty hardban limestone 192; grey brown limestone 224. Water from 200 to 224.
Con	IV	•	45	R. Hertfiel	McLaughlin Weter Well Drilling	Dec. 3,1963	5	20	100	75		ם	Fill 6;soil 8;gravel clay 19;hordnan clay 30;hordnan 60;clay hardnan 143;fine sand 145;limestone 183. Water from 148 to
Con	A	•	20	G. Wettlaufer	C.& H. Kerr	Feb.20,1960	4	13	38 <del>}</del>	31		D	183. Silty send 38;clay 72;stony clay 130;clay 160;grey limestone 171. Water at 170.
Con	A		20	B. Schmidt	HadcoWellDigging	Nov.24,1960	30	6	55	12	٠	С	Topsoil 13; brown clay 9; brown sand 12; coarse sand 24. Water
Con	Ā	**	23	G. Wettlaufer	C.& H. Kerr	May 24,1963	4	13	80	60	*	D,S	at 13 and 24.  Brown clay 10; silty sand 93; brown clay 160; stony clay 192; grey limastone 225. Water at 222.

	PERTH COUNTY - South Easthore	cont Twp	:-	ı	i			I 1	r 1	Ī		l d	I
	Con.V	lot	24	L.H.Wettlaugr	C.& H. Kerr	Aug.14,1963	4	13	60	42	Fresh	D,S	Brown clay 5; sand 57; blue clay 92; stony blue clay 172; sand 201; grey limestone 224. Water at 220.
	Con V		42	R. Winter	W.D.Hopper &Sons	Feb. 8,1962	4	12	35	34		D,S	Sandy clay 15; clay stones 45; blue clay 80; sand 127; gravel 140; hardon 170; gray limestone 217. Water from 200 to 212.
	Con V		43	J. Kurtz	W	Jan.17,1963	4	10	42	34	*	P	Old well 25; stones 32; sand 68; stones clay 83; grevel 96; stones clay 157; gravel 162; grey rock 189. Water from 180 to 189.
	Con VI	п	30	W. Epp	C.&H. Kerr	May 24,1961	4	10	103	78	**	D,S	Clay 32;hordoon 106;hordoon 166;boulders 182;brown clay 228; send 241;fine gravel 248;shele 252;gravel send 266;brown limestone 277. Water at 275.
	Con VI	**	31	W. Blum	*	Sep.20,1963	4	13	86	66		D,S	Brown cley 48; sandy cley 76; blue clay 139; sandy clay 143; stony blue clay 242; brown limestone 256. Water at 254.
	Con VII Con VIII		43 37	C. Bunbury A. Lupton	J. Moore W.D.Hopper &Sons	Jul. 9,1962 Jul.31,1963	30 4	3 8	20 40	20 39	*	D D,s	Sand 20; clay 30. Water at 20. Clay 15; clay stones 40; sandy clay 48; hardpan stones 168; gravel 177; grav rock 212. Water at 212.
	Con VIII	*	39	V. Steinacher	•	Sep.16,1963	4	10	43	38	•	D,S	Tousoil send %; sendy clay 30; hardon 80; clay send 115; gravel 121; hardon 185; grey limestone 216. Water from 210 to 216.
	Stratford City Stratford Cit			B. Kinkede	H.A.Kerr	Jul.12,1961	4	15	80	60	Fresh	D	Blue clay 98;stony blue clay 146;blue clay 160;brown
369	Stratford Cit	ty		P.U.C.	International Water Supply Ltd.	Nov.21,1961	, 12	632	120	64		P	limestone 192. Water at 190. Topsoll 1;cemented gravel 11;grey clay 58;gravel clay 67; brown clay 86;hardpen 12°;brown shale limestone 145;brown limestone 205;red shale 209;grey limestone 297;white
9	Stretford Cit	ty		E.K. Kneitl	Hadco WellDigging Ltd.	May 13,1963	30	2	15	15	Fresh	Œ	limestone 350. Topsoil 2; brown sand 5; brown clay 16; sandy blue clay 20; blue clay 40. Water at 6 and 20.
	Wallace Twp.												
	Con I	lot		E. Bowmen	C. Keeso	Jun.29,1961	4	18	17	16	Fresh	D	Reddish clay 60; hardman 82; brown shale 90; white limestone 122. Water from 110 to 120.
	Con I		29	R. Mertin	*	Aug.18,1962	4	10	35	25		D	Topsoil 2; hardpan grovel 35; clay gravel 58; brown shale 76; brown limestone 134. Water from 124 to 134.
	Con I		29	A.M.Henderson	*	Sep.31,1963	4	15	44	39		D	Topsoil 6; clay 40; hardnan 75; sandy clay 90; brown shale 98; brown limestone 174. Water from 165 to 174.
	Con II		16	HemohillEstate	*	Dec.30,1960	4	14	42	35	п	D,S	Topsoil 3; hardban boulder 40; blue clay 63; sandy clay gravel 78; brown shale 92; brown limestone 163. Water from 115 to 163.
	Con II		20	J.H.Berlett	•	Dec.16,1963	4	14	40	38	*	D,S	Topsoil 4;gravel clay 36;hardnan 90;shale 98;white limestone 158. Water from 150 to 158.
	Con II	•	24	F. Kregar	*	May 5, 1960	4	12	48	46		D	Topsoil 3; blue clay 22; hordoon boulders 75; sendy clay gravel 110; brown shale 117; grey limestone 145; brown limestone 160. Water from 140 to 160.
	Con II		24	W.J. Adems		Oct.12,1960	4	18	35	35	•	D	Dug well 19; white clay 42; send clay grovel 71; gravel limestone 84; brown shale 86; white limestone 134. Water at
	Con II	•	24	Jack's T.V.	•	Jun.26,1962	4	20	48	43	#	P	Topsoil fill 4; white clay gravel 90; brown shale 123; brown
	Con II	*	25	Sales H.M. Krotz	*	May 24,1963	5€	50	48	47		С	limestone 128; white limestone 204. Water from 190 to 200. Toosoil 2; sandy clay gravel 68; clay 102; brown shale 120; hard
	Con II	*	25	Corp.Diocese of London Ont.	*	Jun.10,1961	4	18	53	52		P	brown limestone 232. Water from 160 to 232. Topsoll fill 10; white clay 37; sandy clay gravel 58; hardban 114; brown sandy shale 124; brown limestone 158; hard white limestone 178. Water from 156 to 178.

	LOCATI	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Wal:	H COUNTY - Lace Twp.	- cor		E. Hallam	C. Keeso	Jan,23,1961	4	18	23	21	Fresh	D,S	
Con	ı III		1	W. Brown		Mar.11,1961	4	18	70	68		D,S	shale 80; brown limestone 128; white limestone 164. Water from 140 to 165.  Dug well 28; hardman boulders 70; brown shale 124; brown
Con	NI r		1	M.J.McIntosh	я	Aug.25,1961	t <sub>4</sub>	15	68	67		D,S	limestone 170. Water from 165 to 170. Topsoil 3;sandy clay grovel 15;white clay 34;grovel clay 82; hordoon stones 112;brown shale 134;brown limestone 172;white
Con	ı IV		6	C. Albendorf	•	Jan.12,1961	4	18	72	71		D	limestone 183. Water from 150 to 183. Dug well 40; white clay 46; herdren boulder 74; sendy clay gravel 98; brown shale 185; herd brown limestone 182; white
Con	ı IV	•	7	C. Hanney		Oct. 6,1960	4	14	69	68		D	limestone 200. Water from 170 to 200. Topsoil 3;hardban boulders 32;blue clay 68;sandy clay gravel 84;gravel limestone 133;white limestone 158;brown limestone
Con	NI r		19	M.McIntosh	•	Aug. 3,1963	4	12	46	42		D,S	
Con	ı IV		24	R. Hartman		Aug. 9,1962	41	14	18	14		D	124; brown limestone 172. Weter at 165. Brown clay 30; hardpen 55; gravel clay 76; shale 80; white
Con	ı IV		24	C. Weber	*	Sep.21,1963	4	14	21	15		D	limestone 114. Water at 100 and 112. Topsoil 4; blue clay 62; hardon 80; sandy clay 91; shale 97;
Con	ı IV		25	R. Ludwig		Jun. 5,1961	4	15	30	28		D,S	
Con	ı IV		25	R. Dipple	•	Sep.20,1962	43	15	19	18		ם	limestone 190. Water at 170. Gravel top clay 10; brown clay 60; herdoen 80; brown shale 100; brown shale rock 110; brown limestone 150. Water from 140
Con	ı IV		37	P. Timmerman	•	Apr.22,1963	4	12	26	24		D,S	to 150. Topsoil 2;clay boulders 50;brown shale 74;brown limestone 140. Water from 125 to 140.
Con	٧ ١	•	24	C.Schmefer	*	May 11,1963	4	14	31	29	H	מ	Brown clay 40:hardnen 85:sandy clay 107:hrown shele 118:
Con	٧ ر		25	W.C. Routledge		Sep.19,1961	4	18	14	13		D, C	
Con	y A		25	G. Walter	•	Sep. 6,1962	41	15	31	28		D	shale 84; brown limestone 148. Water from 135 to 148. Topsoil 4; clay 50; hardpan 72; sandy clay 100; shale 115; white
Con	v v	•	48	Malar FarmsLtd	*	Jul. 3,1963	5	35	36	32		D,S	limestone 150. Water from 140 to 150. Topsoil 4; clay 35; sandy clay 80; hardnen 105; sandy shale
Con	v r		54	B. Johnson	•	Sep.27,1963	4	15	15	13		D, C	
Con	IV n		25	H. Krotz	•	May 10,1961	4	20	19	18	*	D,S	
Con	ı VII		2	C. Heintz	G.L.Davidson	Nov.15,1960	4	1				N	brown shale 120; grey limestone 202. Water from 180 to 200. Clay 14; sandy gravel 29; stony hardpan 62; hardpan boulders
Con	IIV n	*	2			Dec. 8,1960	4	10	60	52	Fresh	D,S	26. 14; sandy gravel 29; stony hardnan 62; hardban boulders 26; shale 98; soft limestone 102; soft brown limestone 138; soft red
Con	VII		7	J. Streicker	WaterWellDrilling	Dec. 3,1963	4	10	35	35		D,S	shale 146. Water at 146.
Con	VII		11	R. Bender	C. Keeso	Nov.27,1963	4	14	45	43			162. Water at 162. Dug well 22:hardpan 48:clay 70:sandy clay 88:shale 100:white
	VII		26	Ont.Hospital	C.Goodberry Well	Jul.11,1962	10	225	56	23		P	limestone 182. Water from 176 to 182. Clay 10; silt 30; clay small pebbles 60; clay 65; silt 67;
	VII		26	N	Drilling Ltd.	Jul.19,1962	10			23	•	P	limestone 202. Water at 175. Clay 10; silt 30; clay small pebbles 60; clay 65; silt 67; limestone 200. Water at 175.

	PERTH COUNTY -												
	Wallace Twp Con VII	lot	26	Evangelical UnitedBrethern	C. Keeso	Dec.27,1962	41	71	30	?2	Fresh	P	Dug well 14; brown clay 29; gritty clay 60; sandy clay 95; brown shele 120; brown limestone 232. Water at 230.
	Con VII		43	Church R. Giles		Jen.18,1963	4	12	28	26		D	Topsoil 3; clay gravel 36; hardnen 74; brown shale 106; hard brown limestone 132. Water from 126 to 132.
	Con VIII	•	10	P. McComb	Durhem Drillers	Mar.28,1961	4	10	25	15		D,S	Topsoil 3; clay stones 60; sandy gravel 66; grey limestone 95.
	Con VIII		10 16	C. Carley		Jun.28,1961 Jul.23,1962	4 4	10 19	20 25	18 18	:	D,S D,S	Drilled well, grey limestone 141. Water at 140.
	Con X		7	W. Gregory	N. McLean	Jul, 5,1962	4	8	20	20	•	D,S	
	Con X		8	E. McBeth	G.L.Davidson	Jan.30,1962	4	12	26	21	•	D,S	
	©n XIII	•	9	E. Askett	Durham Drillers	Sep.12,1962	4	21	34	24	•	D,S	Boulders gravel 20; soft grey clay 40; cemented gravel 45; hardban 60; brown rock 96. Water at 90.
	WATERLOO COUNTY												
	Ayr Village Ayr Village			Ayr Community Centre	HadcoWellDigging	Jan.13,1961	30	75	18	10	Fresh	P	Fill S; brown clay 10; coerse gravel boulders 20. Water at 10.
w red	Ayr Village				E. McLaughlin	Oct.12,1961	5	25	35	18	*	ם	Dug well 20; sand silt 40; herdnen 52; coarse sand 57; fine grevel 63. Water from 57 to 63.
371	Ayr.Village			Can.Imperial Bankof Commerce		Jul.6, 1963	7			Flows	•	D	Gravel 30; cemented gravel 60; fine sand 75; clay 100; gravel clay 130; gravel sand 168. Water from 130 to 168.
	Ayr Village Ayr Village			A. Wood J. Dance	10 10	Aug.14,1963 Aug.16,1963	5 5	10 10	18 19	16 16	:	D D	Dug well 20; sand 37; sand gravel 40. Water from 37 to 40. Dug well 18; sand 29; gravel clay 45; sand gravel 48. Water from 45 to 48.
	Ayr.Village			A. Poll		Oct. 9,1963	5	12	24	20		D	Dug well 23; clay send 40; silty send 60; send grevel 67. Water from 60 to 67.
	Ayr Villere			P. Brown		Oct.30,1963	5	5	43	34	*	D	Dug well 18; sandy clay 40; gravel clay 58; dirty gravel 70; silty sandy clay 80; send gravel 85. Water at 85.
	Bridgeport Vil	lege											
	Bridgeport V1			P. Hartman	HadcoWellDigging	Dec.14,1960	30			15	Fresh	D	Topsoil 1;gravel cobble stone 15;blue clay boulders 19. Water at 15.
	Bridgenort Vl	g.		P. Willworth	•	Apr.14,1961	30	3	23	8	•	D	Topsoil 1;gravel 5;blue clay 12;blue hardban 23. Water from 5 to 8.
	Galt City Galt City			Pump & Power	W. Packham	Mer. 5,1962	6	15	80	60	Fresh	D	Sandy clay gravel 60; sand 95; coerser sand 105; coerse sand
	Galt City			Equipment Ltd.	#	Dec. 5,1963	6	24	130		. 10811	ם	fine gravel 108; limestone 110. Water at 108. Previously drilled 69; white limestone 208. Water from 85 to
						200. 0,1900			1,00	20		_	195.
	Hespeler Town Hespeler Town			Ont.Dept.	C.Goodberry Well	Dec. 4,1962	6	21	54	46	Fresh	P	Topsoil gravel 70;gravel 56;grey limestone 145;brown
	Hespeler Town			Lands &Forests A.J. Eggen	Drilling Ltd. L.C. Shantz	Jun. 5,1963	5	12	60	35	•	D	limestone 169. Water at 70, 100, 130 and 165. Well pit 6;gravel clay 18; clay gravel 51; gray rock 80. Water from 51 to 80.
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LOCATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ATERLOO COUNTY - cont Hespeler Town - cont. Hespeler Town	L. Hopp	L.C. Shentz	Jun.17,1963	5	12	40	18	Fresh	D	Dug well 11; gravel clay 17; clay gravel 31; silty sandy clay
Hespeler Town	A. Kolb	Graham Well Drilling	Nov.29,1963	5	8	70	40	•	D	grevel 38; grey rock 58. Water from 38 to 58. Dug well 16; stony herdpen 50; herd pecked gravel 57; brown limestone 90; derk grey stone 147; grey brown rock 156. Water at 154.
Kitchener City Kitchener City	Water Comm.	International Water Supply Ltd.	Feb.22,1960	2	20	81	74	Presh	T 2-60	Brown clay 10; boulders gravel sand 26; sandy clay 31; brown clay sandy streaks 42; blue clay sandy streaks 60; gravel boulders sand clay streaks 74; sandy clay gravel streaks 96; blue clay gravel streaks 91; blue hard clay 112; sandy blue clay gravel streaks 122; boulders sandy clay 123; sandy blue clay gravel streaks 122; boulders sandy clay 123; sandy blue clay gravel streaks 161; cemented sand gravel 164; sandy blue clay gravel streaks 161; cemented sand gravel 164; sandy blue clay gravel hard packed 179; sandy clay packed 215; gravel boulders sand clay 226; sandy clay 232; gravel boulders sand clay hard packed
Kitchener City	A. Meyer	L.C. Shentz	Mer.22,1960	5	10	45	44	Fresh	D	256; cemented send gravel 267; blue shale 268. Water at 74 and 2 Lug well 38; sitty sandy clay 73; gravel sand 79. Water from
Kitchener City	Water Comm.	International Water Supply Ltd.	Mar. 24, 1960	2	44	9	91	•	T 6-60	73 to 79.  Sandy clay 1;old wood 2;sand grovel boulders 9;blue clay 50; sandy gray clay gravel 67;sandy blue clay gravel streaks 75; coarse gravel boulders send 104;sandy clay gravel 111;
Kitchener City	•	•	Aug.19,1960	10	500	149	123	•	T 14-60	cemented sand growel 115; brown limestone 119. Water at 104. Sandy stony clay 4;gravel clay 12; clay grovel 19; sand gravel 21; silty stony sand 55; coarse sand gravel 63; harden 203; gre; limestone 207; broken limestone clay 249; light brown limestone
Kitchener City	•	*	Sep. 9,1960	16	500	76	54	•	15-60	400;dork grey limestone 467. Water at 68.  Gravel sand Poisandy clay gravel 27;garey stony clay 70;  hardoon 115;blue stony clay 125;limestone shale 175;grey limestone 230;light brown limestone 250. Water at 230 and 260
Kitchener City	•	•	Feb.16,1961	2	13		60		1-60	Muck old wood 6; send gravel 16; blue clay streaks fine sand gravel 40; sitty clay sand pracked gravel 71; sitty sandy clay gravel 74; sitty clay sand gravel streaked packed 118; sandy clay gravel streaks 131; cemented sand gravel 132; sandy clay sitt fine gravel 139; sandy blue white clay hard backed gravel 150; blue clay gravel streaks 152; coarse gravel blue white clay 159; sandy blue shite clay gravel hard packed 160; bedrock
Kitchener City	*	,	Feb.24,1961	2	10	95	89	Fresh		161. Water at 40, 132 and 159.  Sand growel boulders streaks 27; hard sand streaks 53; sand gravel 56; hard blue clay 85; sandy clay gravel streaks 97; sandy clay hard packed gravel streaks 105; sandy clay gravel streaks 105; sandy clay hard backed gravel 133; sandy clay hard packed gravel 136; sandy clay hard packed gravel 156; sandy clay hard packed gravel 151; sandy clay gravel hard packed boulders 173; sandy clay gravel boulders hard packed streaks 175;
Kitchener City		,	Mar. 2,1961	5			į.		7-61	limestone 180. Water at 162. Sandy brown clay 4;gravel sand boulders 23;sand gravel strea 53;blue clay hard sandy 80;sandy clay gravel hard backed 129 blue clay 134;sandy blue clay hard gravel packed 165;sandy clay hard nacked gravel streaks 170;brown shale softer streaks 175.

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	ATERLOO COUNT											
	Kitchener Cit Kitchener C		Water Comm.	International Water Supply Ltd.	Mer.23,1961	2	173	63	60	Fresh	T 10-61	Black muck 6; fine send 12; coarse gravel boulders 14; blue clay 17; silty clay 22; blue hard clay 45; sendy clay gravel streaks 22; sandy blue clay 75; sandy clay gravel streaks 112; sandy
	Kitchener C	Aty	Zeller'sStore	. •	Apr.17,1961	8	122	84	693	Sulphur		clay gravel 121;gravel sand 123;sandy clay gravel streaks 130;gravel sand clay 136;sandy clay gravel streaks 130;gravel sand clay 136;sandy clay gravel streaks 183;coarse gravel boulders sand clay 161;bedrock.Water from 123 to 143,161. Sandy clay 12;brown clay gravel streaks 18;blue clay 29;blue clay sandy gravel streaks 119;sandy clay gravel boulders hard packed 158;cerented sand gravel boulders 160;sandy clay very hard backed gravel 175;broken bedrock gravel clay 178;blue
	Kitchener C	aty	W. Hughes	L.C. Shentz	Jun.26,1961	5	5	86	24	Fresh	D	shele 194; brown blue white limestone 346. Water at 346. Silty clay boulders 10; silty clay 81; sandy clay 87; sand 90.
	Kitchener C	ity	Water Comm.	International Water Supply Ltd.	Sep. 7,1961	2					т 13-61	Water from 87 to 90. Fill 5; block muck 6; send grevel boulders blue clay streaks 43 hard blue clay 50; gravel boulders sand clay streaks 60; sandy blue clay gravel hard becked 68; gravel sand clay streak 81; sendy brown clay 85; coarse gravel sand boulders clay
	Kitchener Ci Kitchener Ci		P. Rieck I. Bowman	E.McLoughlin&Son L.C. Shantz	Sep. 8,1961 Nov. 3,1961	5	7 14	55 125	40 120	Fresh	D D	bug well 36; fine sand 70; medium sand 78. Water from 51 to 78.  Tonsoil 2; sandy clay 8; sand gravel 62; brown clay 103; clay
	7											gravel 132; silty sandy clay gravel 192; grey rock 217. Water from 212 to 217.
	Kitchener C		R. Bricker	R.I. Mclaughlin	Jun.18,1962	5	12	105	75		D	Topsoil 1; hardman stones 43; clay hardman 98; hardman 130; boulders 136; rock 156. Water at 137.
i.	Kitchener Ci		S. Snider	"	Jul. 2,196?	6	18	60	48	*	D,S	
	Kitchener Ci		A.Geesbury Estete	N. Maclean	Aug. 3,1962	4	7	110	110	**	ם	Losm 7; sand 40; clay 130; sand 190; gravel 192. Water at 191.
	Kitchener C	lty	Water Comm.	International Water Supply Ltd.	Oct.17,1962	5					T 1-61	Brown sandy clay gravel 5; fine dirty sond 16; sond gravel boulders 31; blue hand clay 52; sendy clay gravel hand packed dirty sand gravel clay 81; silt 82; dirty gravel sand boulders sendy clay 94; camented send gravel 95; dirty gravel send boulders clay hard backed 108; sandy clay gravel streaks 123; send gravel streaks 128; fine sand gravel clay streaks 133; fine sand 155; fine send fine gravel 168; sandy clay 169; clay gravel streaks 184; blue soft clay 187; camented sand gravel
	Kitchener Ci	ity	"	m	Oct.29,1962	2	37	38	32		т	196;send gravel 197;rock. Fill send gravel 197;rock. Fill send gravel feboulders gravel send 8;send gravel clay streaks 11;send gravel 28;gravel send boulders 31;blue clay 55;sendy clay gravel 70;sent silty clay 75;sendy clay gravel hard packed 91;sendy clay gravel boulders hard packed 99; cerented streaks sendy clay gravel boulders 107;send gravel 114;clay send gravel streaks necked 127;fine send fine gravel
	Kitchener Ci	1ty	•	•	Sep. 9,1963	10	400	74	31	Freeh	P	cley 172;gravel send cley streaked 1°3; Water at 127. Sand clay gravel fill 6;sendy clay 8;silty sand 27;sand gravel 31;gray clay dravel 69;gravel clay 70;soft silty when stone 74;send gravel hard clay 84;cemented sand gravel boulders 102;send gravel clay boulders 107;corree sand 109; gravel send clay hard streaks 117;clay gravel boulder hard packed 128;fine sharp sand 161;fine sharp sand streaks clay 162;medium sharp sand gravel 170;sand gravel 189;clay. Water at 107.

LOCATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL		KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NATERIOC COUNTY - cont. New Hamburg Town New Hamburg Town	New Hamburg	C.&.H. Kerr	Mar. 2,1960	6					т	Brown clay 6; soft brown clay 18; blue clay 30; soft brown clay
New Hamburg Town			Apr.25,1960	6			8	Fresh	т	42; blue clay 42%. Dry hole.  Brown clay 60; soft brown clay 20; blue clay 32; silty sand 51%;
New Hamburg Town			Aug.15,1960	7	20	7	5		T	clay 53. Mater from 92 to 51%. Blue clay 18;soft blue clay 28; quicks and 32;soft blue clay 54;stony clay 54%;stony clay 97;gravel 99; conglomerated
New Hamburg Town	•		Aug.29,1960	6	27	6	5		P	gravel 111. Water at 544. Clay 4; silty sand 28; soft blue clay 47; hard stony clay 54;
New Hamburg Town	•	•	Mer.14,1961	30	12	58	48		D	stony gravel hardoen 55. Water from 54 to 55. Tobsoil 1; brown clay 18; blue clay 41; blue coarse sand 51;
New Hemburg Town	P.U.C.	International Water Supply	Nov.16,1962						T 1-62	fine grovel sand 58. Water at 51. Topsoil 4;grovel 27;streak brown clay silt 44;blue clay 50; clay boulders 57;hard clay 59;hard clay gravel 87;clay
New Hamburg Town		*	Nov.19,1962	2	50	10	7	Fresh	T	boulders 91;boulders. Topsoil 5;sand gravel 22;silt fine send 30;cley 36;silt fine send 37. Water et 7.
New Hamburg Town	N	*	Nov.20,1962						T	send 37. water at 7.  Topsoil 4; brown clay 12; clay gravel wood 14; soft clay 23; clay 37.
New Hamburg Town	"	*	Nov.21,1962	1	40		7		T	Topsoil 6;gravel sand 20;soft silty clay 30%;clay 31;silt 37. Water at 7.
New Hamburg Town	н	"	Nov.26,1962	1	20		8	*	T	Topsoil 2; brown clay 2; sand gravel 14; gravel clay streaks 19; clay boulder 37. Water at 8.
New Hemburg Town	"	*	Nov.27,1962	1			9		T	Brown clay 11; sand gravel 13; soft silty clay 16; clay gravel
New Hamburg Town	Ħ	•	Nov.28,1962	1			8	*	7-62	boulder 27;silt 34;clay 37. Water at 9. Clay 9;sand grovel 25;dirty silt 34;clay 41. Water at 8.
New Homburg Town	*	**	Nov.29,1962	2	ŀ		8		T	Clay 9; sand gravel 16; silt small gravel otrooks 32; rusty gravel 33; silt soft clay 37.
New Hamburg Town	**	*	Jun. 6,1963	26	200	16	9	Fresh	P	Topsoil isandy clay 12; coarse gravel 21; clay streak 22; coarse send gravel thin streaks clay 27; fine send fine gravel 29.
North Dumfries Twp. Con VII lot 3	K. Stefford	W. Packham	Nov.12,1962	6	6	120	55	Fresh	D.S	Dug well 38; stone clay 48; soft clay 105; sandy clay 115;
Con VII " 4	E.P. Clark	J.L. Graham	Nov.21,1960		10	40	30	*	D	limestone 130. Water at 120.  Brown clay sand 16:1er e boulders clay small stones 40:fine
Con VII " 4	J. Master	S. G111	Nov.30,1961	5	8	87	37		ם	brown sand 78;hard stony clay 80;large boulders 90; cemented gravel 103;broken rock 106. Water from 103 to 106. Dug well 25;gravel clay 35;sandy clay 100; coarse gravel 109.
Con VII " 4	W. Paterson	J.L.Graham	May 15,1962	5	10	60	46		D	Water at 109. Old dug well 41; soft blue clay 88; rocky hardran 105; coarse
Con VII # 4	J.W. Studimon	S. G111	Dec.19,1962	6	20	60	35		D	gravel 108. Water at 108. Old dug well 20; sandy clay 50; silt 68; gravel 75; coarse sand
Con VII " 4	H. Thompson	,	Sep.18,1963	6	8	100	20	100	D	77. Water at 77. Dug well 16; silt clay 100; fine sand 113; rock 122. Water from
Cor VII * 4	N. Frokleye	W. Packham	Sep.23,1963	6	30	40	25		D	114 to 120. Dug well 26;gravel clay 70;stone clay 79;clean gravel 82.
Con VII " 4	F. Elgin	S. Gill	Sep.24,1963	6	9	70	30		D	Water at 82. Clay stones 15; fine sand 50; silt 80; coarse sand 90. Water
Con VII " 4 Con VII " 7	H. Clelland E. Sommemann	W. Packhem	Dec.20,1963 Oct. 9,1963		? ?5	60 100	33 95	*	D D	at 90. Dug well 25;silt 90;grovel 97;grey rock 108. Water at 106. Brown clay stones gravel 90;blue clay gravel 100;sand gravel 184;limestone 194. Water at 192.

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Ä	ATERLOG COUNTY	_	cont										
	North Dumfries Con VII	10	t 18	E. Harkness	L.C. Shentz	Apr.24,1962	5	15	69	56	Fre∘h	D,S	Topsoil 1;dirty gravel 24;sandy clay 102;sand clay stracks 108;sandy clay 140;silty sandy clay 182;camented gravel 188;
	Con VII Con VII		25 31	L. Jennings K. Kalk	steinmen & Baird	Mey 3,1960 Aug.10,1962	5 4	12 11	18 56	12 52	:	D D,S	gravel sand 191. Water from 1°8 to 191. Topsoil 2;gravel sand 26. Water from 12 to 26. Sandy gravel 28;coarse stony gravel 60;fine gravel 73;sand 85;gravel 87. Water at 87.
	Con VII	*	33	T.& J. Hell	L.C. Shantz	Oct.18,1961	5	12	71	61	*	D,S	Dug well 71; silty sendy clay 92; sharp sand 105. Weter from 92 to 105.
	Con VII	*	33	W. Gillespie	*	Sep.20,1963	5	10	80	60		D	Topsoil 1; sand gravel 35; fine sand 110; sandy clay 135; sand
	Con VII	*	36	R.C. Ritchie	*	Sep.19,1962	5	10	190	120	•	D,S	gravel 151. Water from 135 to 151. Topsoil 5;sandy clay 40;cemented gravel 60;clay gravel 115; sand gravel 125;sandy clay gravel 165;clay gravel 190;clay 240;clay gravel 248;rock 275. Water from 268 to 270.
	Con VIII	*	2	L. Hall	s. G111	Oct.20,1962	6	25	75	8	•	D	Grey clay 15; fine sand stones 75; fine sand 80; small gravel
	©n VIII	*	4	R. Oliver	W. Packham	Jul. 3,1962	6	15	110	70		D	81; grey rock 91. Water at 89.  Brown clay stones 25; grey sandy clay 135; sand gravel 139.  Water at 139.
	Con VIII	*	7	H. Meyers	J.L.Grahem	Nov.27,1962	5	8	80	75	٠	S	Dug well 50; fine brown send 63; stony hardnen 75; fine sand oly 110; cerented arveil 128; brown rock 140; dark rock 158; dark grey rock 164; redium grey rock 173. Water from 170 to
	Con VIII	*	21	L. Moore	L.C. Shantz	Aug.13,1963	7	20	23	16		D,S	173. Dug well 15;sand gravel 45;clav gravel 70;sand gravel 86.
	Con IX		2	J. Yahn		Feb.15,1960	5	12	22	17		D	Water from 70 to 86. Dug well 18; clay gravel 46; silty sandy clay 82; carented
ν 1	Con IX	*	2	Renwick Const.	J.L. Graham	Sep.29,1961	4	10	20	9	*	D	gravel 98; grey rock 114. Water from 109 to 114. Fill 3; fine send 6; loose stones gravel 18; soft clay send 56; clay boulders 83; hard macked gravel 92; black grey stones 111. Water at 110.
	Con IX		2	W. Copeland	W. Packham	Oct. 4,1963	6	20	105	100	*	D,S	Dug well 27; stones 40; sand gravel clay 125; sand gravel clay
	Con IX	*	3	C. Hehm	S. G111	May 1, 1961	6	10	52	33	*	ם	135;hardman 156;limestone 160. Water at 158. Brown clay 15;clay atones 60;fine sand 90;small gravel 95.
	Con IX		3	T. Sylstra		Mey 12,1961	6	5	36	26	*	D	Water at 95. Clay stones 40; sandy gravel P5; sandy clay 95; sand 109; grey
	Con IX	*	3	R. Runions	W. Packham	Jul.13,1961	6	20	80	60	•	D	rock 114. Water at 112. Stony clay 65; sand gravel 90; sand 100; gravel sand 110; hardban
	Con IX		3	A. Reynolds	J.L.Graham	Jul.17,1961	6	20	80 60	65 54		D	128; limestone 140. Water at 137. Stony clay 65;gravel clay 100;gr vel 106. Water at 106.
	Con IX		-	E. Reed	J.L.Granam	May 9. 1962	5	10		54 40	,	ע	Brown earth 8; boulders clay 40; hardban stones ?8; fine grey send 104; coarse gravel 108. Water at 108.
	Con IX		3	V. Wojtes		Aug.22,1962	5	10	55	1,000		D	Topsoil 1; brown clay stones 55; coarse gravel 60; grey clay gravel 78; grey fine sand 115; coarse sand 120. Water at 120.
	Con IX		3	Hoekstra Const	L.C. Shantz	Sep.30,1963	5	6	75	40		D	Topsoil 1;sand gravel boulders 50;clay boulders sand 60; silty sandy clay 78;clay 84;gravel sand 87. Water from 84 to
	Con IX	*	4	Eiri Dev. Ltd	J.L. Graham	Jun.21,1961	5	12	53	48	н	מ	P7. Topsoil 2; brown clay stones 35; brown fine sand 52; grey medium fine sand clay 113; light blue limestones 145. Water from 130t to 140.
	∞n IX		4	•		Jun.27,1961	4	8	63	56	•	D	Dug hole 8; clay stones 48; fine sand 50; hardnen 101; fine sand
	Con IX		4		•	Jul. 4,1961	4	10	60	43	•	D	116;grevel cley 122;blue rock 146. Water from 140 to 145. Cley boulders 38;stony cley 46;fine brown send 58;cley send 70;hrd sand 106;cley sand 112;blue limettone 131;grey
	Con IX		4			Mer.14,1962	5	13	92	вo	•	s	limestone 142. Weter from 132 to 142. Grey stony clay 60; blue clay 85; stony clay 155; brown
	Con IX		4	Renwick Const.	W. Pockham	Nov.14,1962	6	24	65	45	•	D	limestone 168. Weter at 167. Stony clay 70; sand gravel soft clay 90; sand 95; gravel 102. Weter at 100.
		-	7	2 Footpotes giv	ing the meanings of	location abbre	viatio	ng and	of sym	hols de	signating	uses	of wells may be found at the end of Appendix C.

I	OCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO North D													
Con IX	i c	lot	4	H. Schmidt	W. Packham	Aug.21,1963	6	18	88	30	Fresh	ם	Stony clay loam 20; clay fine gravel 90; stones gravel sand 98; limestone 108. Water at 105.
Con IX Con IX Con IX		*	4 4 4	J. Groller H. Suckert Shaver Poultry Farms	S. Gill L.C. Shultz	Aug.27,1963 Sep.11,1963 Oct. 7,1963	6	25 18 18	35 50 41	28 35 34	:	D D S	Stony clay 10; sandy clay 55; hardman 92. Water at 92. Clay stones 20; sand clay 40; sand gravel 68. Water at 60. Topsoil 1; sand gravel boulders 50; clay gravel 01; sand gravel 88. Water from 91 to 89.
Con IX		•	4	German Can. Club	S. Gill	Oct.20,1963	6	9	50	40	•	מ	Clay stones 40; fine sand 60; gravel clay 104; rock 115. Weter at 110 and 112.
Con IX		•	4	A, VonMasnen	W. Packhem	Dec. 9,1963	6	24	50	40		D,S	Dug well 28; sandy clay gravel 85; sand 90; gravel 92. Water at 92.
Con IX			15	E. H:11	•	Feb.14,1962	6	15	75	73		S	Grevel stone boulders 35;gravel 48;sandy clay 95;sand gravel 90;coarse clean gravel 93. Water from 90 to 93.
Con IX			16	D. Taylor	L.C. Shantz	May 4, 1961	5	20	56	53		D	Clay boulders 38;gravel 64;boulders sand 72. Water from 64 to 72.
Con IX			17	R.J. Masson	J.L. Graham	Sep.15,1960		10	80	58	*	D	Loose stones 18; clay small boulders 40; sand small stones 85; hardorn 165; gravel clay 185; cerented gravel 210; light brown 11ma tone 222; blue stone 245. Water from 222 to 245.
Con IX		•	17	Renwick Const.	W. Packham	Nov.15,1963	6	10	105	102	*	D	Stones gravel 45; sand gravel 115; medium sand 130. Water from 125 to 130.
Con IX			25	R. McLeod	C.8.H. Kerr	Mar.26,1962	5	15	120	100	*	D,S	
Con IX		•	27	L. Asmussen	J.L. Graham	Dec.22,1961	6	12	40	35		D,S	
Con IX		•	29		<b>M</b> 7	Nov.28,1963	5	10	15	3	•	Ü	Clay sand stones 38; clay gravel 70; hard nacked gravel 95; fine brown sand 136; soft clay 197; coarse black gravel 200. Water at 200.
Con X		W	3	F. Racz	L.C. Shantz	Jan. 6,1960	5	12	8	5		D	Muck 3; sandy clay 28; clay gravel boulders 34; clay gravel 63; grey rock 70. Water from 63 to 70.
Con X Con X		H	3	R.A. McKenzie M. Hunter	C.& H. Kerr	Jul.15,1962 Jul.29,1963		13 13	55 54	40 34	:	D,S	Boulder cley 40; stony cley 100; gravel 103. Water at 100. Stony cley 43; sandy clay 80; boulders 97; grey limestone 114. Water et 110.
Con X		*	4	E. Beckett Pump &Power Ltd.	S. Gill W. Packhem	Oct.24,1960 May 29,1962		15 15	64 21	44 20	:	D D	Gravel clay 20; gravel 43; gravel sand 72. Water at 72. Stony clay 30; sand gravel clay 75; limestone 90. Water at 79.
Con X			5	P. Weznuk	J.L. Graham	Jul.27,2960	5	10	80	50	•	D	Topsoil 2; stone clay 25; grevel grey clay 76; grey hardown 102; fine sand 122; light grey rock 130; light blue rock 144. Water from 130 to 144.
Con X			5	L. Kitchen	**	Jun.19,1961	4	10	60	37	*	ם	Topsoil 1; large stones clay 30; fine clay and 50; stony clay 98; fine send 107; cemented sand 122; grey rock 144. Water from
Con X		•	5	M. MertinoLtd.	International Water Supply Ltd.	Aug.10,1961	7	25	47	461		P	134 to 144. Pill gravel boulders 9; clay gravel 11; send gravel sandy clay 25; brown sandy clay 40; dirty gravel boulders sand clay hard packed 52; brown clay 56; gravel boulders sand clay streaks 93;
Con X		•	5	H. McPhee	S. G111	Aug.10,1962	6	15	82	32	Fresh	D	sand clay 87; broken limestone 90. Clay boulders 30; grey clay pebbles 70; coarse sand 80; silt 90;
Con X		×	5	F. McGaghey	•	Feb.17,1963	6	5	140	65		D	grey sand 97;grey rock 101; Weter at 69. Clay sand rocks 60;slit 90;blue clay 95;fine sand clay 132; grey rock 148. Weter at 140 and 145.
Con X			16	J.S. Knapp	L.C. Shantz	Dec.13,1961	5	20	38	36	*	D,S	

W	ATERL	.co œunty	- 0	ont,										
1	Verth	Dumfries	Twp		1 1	ĺ	1	1	1	- 1	- 1	1		
,	Cont.		lot	17	J.Brown	W. Packham	Apr.22,1963	6	25	49	45	Fresh	s	Stones gravel 30; clay gravel 55; reddish brown sand 70; sand gravel 110; fine gravel 115; coarse gravel 121. Water at 121.
	Con	X	-	23	Ont.Dept. of	C.&.H. Kerr	Dec.20,1961	61	15	160	110	•	P	Clay 6; sand 50; gravel clay 84; gravel 120; clay gravel 158; sandy clay 194; fine sand 201. Water at 200.
	Con	XI	**	1	J. Boudewyns	W. Packham	Feb.25,1962	6	15	82	80	•	D	Coarse gravel 15; sand 35; sand gravel 130; sand clay hardpan 155; medium gravel 160. Water at 160.
	Con	XI	*	1	Mayfarm Nurseries	N. MacLean	Sep. 2,1963	4	8	32	58		In	Topsoil 4; brown clay 19;gravel boulder 35; blue clay 64; sand gravel 82. Water from 64 to 82.
	Con			16 16	W. Slade	S. Gill HedcoWellDissing	Sep. 1,1960 Aug.21,1961	6 30	15 3	77 29	30 221	**	D	Sandy clay 15; fine sand 115; coerse sand 117. Water at 115. Topsoil 1; gravel 7; sand seems 13; gravel boulders 22; sand 29. Weter from 22 to 29.
	Con Con Con	XI	**	17 23 26	W. Filsinger Farmers Allied Ment Enterprises	L.C. Shantz R.I. McLaughlin	Oct.17,1963 Jan.20,1960 Sep.12,1962	30 5 8	5 12 500	29 54 28	24 50	:	D D In	Topsoil 1; sand gravel 29; blue red clay 30. Water at 23. Dug well 55; stity sand 65; sand gravel 91. Water from 65 to 91. Topsoil 2; gravel sand 45; gray clay 68; sand clay 81; clay 123; hardban 139; gravel 162; hardban 165. Water at 139.
	Con	XI	*	27	Co-op. Ltd. H. Hilborn	W. Packham	Sep. 4,1963	4	10	60	10	•	D	Coarse gravel stone 10; sondy clay gravel 45; reddish brown sand 65; grey sand gravel 70; gravel 73. Water at 73.
	Con	XI	*	31	L.A. Kinnaird	C. Shantz	Sen. 5,1961	7	24	43	32	•	D,S	
	Con	XI	=	35	Evangelical United Bretherr Church	HadcoWell Diggins	Jan.10,1961	30	50	36	30	•	P	Topsoil librown clay 6; fine sand 12; fine gravel 29; brown fine sand 32; gravel 36. Water at 33.
357	Con Con	XII	**	37	V. Kress Power Pump Co. Ltd.	C.& H. Kerr W. Packham	Apr. 5,1962 Apr.27,1961	9	15 20	39 90	39 70	11	D	Dug well 39;gravel 58. Water from 39 to 58. Stony clay 110;solid limestone 126. Water at 124.
	Con	XII	**	2	50. Deg.	.#	Apr.25,1961	6	15	85	65	"	D	Clay 18; boulders 32; clay gravel 90; stone boulders 108; limestone 110. Water at 108.
	Con	XII	10	23	A. Greham	L.C. Shentz	Sep.16,1960	5	5	54	28	**	D	Topsoil 2; silty sandy clay 50; fine sand 63. Water from 50 to 63.
	Con	XII	10	37	R. Davis	R.I. McLeughlin	Jun.21,1963	63	22	83	70		D	Gravel 80; brown sand 100; blue clay 160; grey sand 180. Water at 170.
	Con	XII		41	E. Mertin	E.McLaughlin&Son	Sep.26,1962	7	20	80	36	**	D,S	Topsoil 1; sand clay 12; hardban 38; sand gravel 55; hardban 92; sand gravel 101. Water from 92 to 101.
	Con	XII	W	42	E. Baer	C.& H. Kerr	Nov. 7,1962	4	15	100	80	"	D	Sand 25;grevel 56;clay 85;hardban 218;gravel 219. Water from 218 to 219.
	Con	XII	99	42	R. Hilderley	Steinman & Baird	Oct. 2,1963	4	10	115	65	Sulphur	ם	Fill cley 15;grovel 103;fine sand 107;cley 176;hendren 194; cley 252;shale 275;brown limestone 282;grey brown limestone 332;white limestone 364. Water from 282 to 312 and at 363.
	GRE	Con VII	•	1	G. Perdeu	W. Packham	Sep.14,1961	6	8	135	84	Fresh	D	Stony clay 20;gravel 50;clay hardran 137;gravel 140;limestone 141, Weter at 140.
	GRE	Con VII	**	1	K. Mercus	C. Shantz	Nov.13,1962	5	10	58	56		D,S	Boulders clay 30; sand gravel 75; gravel clay 10; grey limestone 120. Water at 118.
	GRE	Con VII	100	1	R. Lem	•	Dec. 3,1962	5	10	89	95		D,S	
	GRE	Con VIII		2	J.W. Gulham	s. Gill	Oct.29,1962	6	20	60	35		D	Dug well 36; coarse sand boulders 59; brown rock 65. Water at 62.
	GRE	Con IX		1	V. Evens	J.L. Graham	Nov.12,1960	4	12	38	24	•	D	Boulders soft clay 35; grev grevelly clay 60; lerge boulders 62, cemented gravel 65; dark brown rock 105; lighter brown rock 109. Water from 100 to 109.
	GRE	Con IX		3	R.M. Myers	*	Feb.28,1962	6	10	65	52	*	D	Loam 2; coerse gravel 19; boulders clay 40; soft clay gravel 77 gravel 86; light grey rock 110. Water from 90 to 110.
				7 2	<u> </u>			-1-01-			-1- 4-	-1	11000	of walls may be found at the end of Annendix C.

LO	CATION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ATERLOC C												
GRE Con	X	lot 1	J.A. Howarth	J.L. Graham	Nov. 2,1960	4	10	80	60	Presh	ם	Small stones clay 6; fine brown send 12; stony hardnen 75; boulders clay 86; cemented gravel 98; dark grey rock 126. Water
GRE Con	x	* 1	B.A. Gray		Jan.14,1961	4	12	68	55		D	from 119 to 126. Topsoil 2; brown clay stones 23; brown clay gravel 58; coarse sand gravel 93; cerented gravel 97; rock 119. Water at 119.
GRW Con	VII	* 3	A. Beker	S, Gill	Jan. 10, 1963	6	18	164	84		D	Brown cley stones 20; sandy clay 80; blue clay 100; slit 160; silt gravel 182; brown rock 190. Weter at 183 and 190.
GRW Con	VII	. " 3	Dr.R. Clark	W. Packhem	Nov.16,1961	6	10	190	180		מ	Stones gravel 30; gravel sand 90; clay 130; clay bulders 165; clay 220; sandy clay 230; medium gravel 237. Water at 237.
GRW Con	AIII	* 1	R. Waugh	•	May 25,1961	6	20	90	84		۵	Stony clay gravel 30; sandy brown clay 90; sendy gravel 10; sandy brown clay 90; sendy gravel 11 clay gravel 130; gravel 142. Water from 130 to 142.
GRW Con	IIIV	<b>"</b> 2	D.F.Bartleman	J.L. Graham	Feb.22,1960	4	10	60	25		D	Gravel small stones sand 55;lorge stones hardnen 80;fine brown send 86;medium brown limestone 140;light brown limestone 222. Water from 140 to 220.
GRW Con	VIII	" 2 " 2	A. Shepperd J. Derink	W. Packham	Oct.11,1960 Sep.11,1961		10 15	25 65 41	15 22		ם	Stony clay 42; limestone 54. Water at 50. Stony clay 15; sand 75; gravel 85. Water at 85.
GRW Con		* 2	G.Sandkuln	L, C. Shentz	Dec.16,1961		12	41	13		Ď	Sandy clay 8; silty sandy clay 45; gravel sand 54. Water from 45 to 54.
GRW Con	IIIV	<b>"</b> 2	Renwick Consti	W. Packham	Mar. 2,1962	6	20	70	60	•	D	Sendy clay gravel 40; sand 80; sandy clay 105; coarse sand fir gravel 112. Water at 112.
GRW Com	7111	<b>n</b> 2	R. Waugh		Feb.28,1963	6	12	120	50		D	Loam clay stones 75; sand 85; sand gravel clay 109; limestone 165; Water at 162.
GRW Con	IIIV	* 2	J.N.Miller		Dec.23,1963	6	24	39	36	*	D	Sand gravel stones 35; sandy clay 65; sand gravel 120; gravel
GRW Con	IX	<b>"</b> 3	W. Cross	*	Jun. 5,1963	6	25	23	12	•	D,S	127. Water at 127. Sandy losm 10; sendy clay gravel 30; silty sand gravel 60; gravel 65; shaly rock 67. Water from 65 to 67.
Preston To Preston			I. Stelmach	J.L. Grehem	May 16,1963	6	10	38	35	Fresh	D	Topsoil 1;grevel 12;brown clay stones 73;fine sand 78;coars grevel 90. Water at 80.
Preston '	Town		W. Geiger	•	Мау 14,1963	6	10	50	45	*	D	Gravel 10: boulders gravel 15; boulders gravel brown cley 25; gravel 30; gravel gravel gravel clay "0; grave clay 67; gravel sand gray clay 70; fine gravel clay 05; coarse gravel 06; black shale to
Preston '	Town		C.D. Grimm	L.C. Shentz	Oct.25,1963	5	10	45	40		ם	Water from 25 to 30 and from 100 to 102. Topsoil 1; sandy clay 8; gravel clay 21; clay gravel 99; rock
Preston '	Town		W. Mertz		Nov. 4,1960	5	14	46	44	,	D	102. Water from 99 to 102. Tobsoil 1;gravel clay boulders 16;clay gravel 29;yellow claboulders 35;clay gravel 106;boulders clay gravel 110;brown
Preston '	Town		J. Voll		Mar. 9,1962	5	20	65	32		D	shale 116. Water at 113. Dug well 18;dirty gravel 30;silty sandy clay gravel 98;
Preston '	Town		M. Kinsie	R.I. McLaughlin	May 5, 1962	5	15	60	48	.#.	D,S	cemented gravel 109; grey rock 118. Water from 109 to 118. Dug well 20; clay 65; hardban 83; gravel hardban 100; gravel 10
Preston '	Town		E. Parkinson	J.L., Graham	Jun. 8,1962	7	10	40	33		ם	Water at 102. Old well 18; brown hardpan 50; fine sand 60; coarse gravel 80.
Preston	Town		G. Lassel	-	Jul.13,1962	6}	12	60	43		D	Water at 80.  Fine and 6; stony clay 20; soft gray clay 64; hard clay 90;
Preston '	Town		H. Nevell	R.I. McLaughlin	Jul.16,1962	5	20	65	48		D	heavy gravel 95. Water at 95. Topsoil 2; sand 3; gravel 20; hardpan 41; clay 68; hardpan 27;
Preston '	Town		A. Lonsbury		Jul.28,1962	5	15	75	58	•	D	rock 106. Weter of 88. Dug well 5:gravel 32:hardban 55; clay 76; hardban stones 91; rock 112. Water at 92.

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	WATERLOO COUNTY -cont. Preston Town - cont.	1	1	l		1	ادما	l I		۱ ـ	1
	Preston Town	F. Thompson	C.4 H. Kerr	Aug. 1,1962	53	13	69	55	Fresh	D	Stony clay 18; dirty gravel 30; stony clay 105; blue limestone 110. Water from 107 to 110.
	Preston Town	D. Lounsbury	•	Aug.20,1962	51	13	70	55		D	Stony clay 8; gravel clay 30; stony clay 108; blue limestone 1121. Water at 1121.
	Preston Town	J. Vincent	McLaughlin Well Drilling	Oct. 3,1962	5	26	55	52		D	Sand 7;gravel 19;hardnan 54;coay 65;hardnan 95;rock 106. Water from 98 to 106.
	Preston Town	E. Kerlovsky	J.L. Graham	Dec.28,1962	63	10	60	44	•	D	Loam brown sand 8; sand gravel 11; hardpan boulders 80; fine hard backed sand 102; clay gravel 105; blue shale 110; blue hard rock 112. Water from 110 to 112.
	Waterloo City Waterloo City	P,U,C	International Water Supply Ltd.	Mar.25,1960	8	96	65	11	Fresh	In	Sandy clay gravel 101; grev stony clay 28; sandy stony clay 42; cemented gravel 45; sandy stony clay 52; hard nacked send stony clay 97; cemented gravel 101; gray stony clay 110; cemented gravel 117; grey stony clay 123; dark grey weathered limentane 130; gravel sand clay 131; grey clay 132; soft blue shale 138; hard blue shale 146. Water at 138.
	Waterloo City	W. Kraft	HedcoWellDizging	Aug. 9,1960	30	8	10	6	Fresh	מ	Topsoil 2; sand 4; gravel 7; coarse sand 17%; fine gravel 15.
	Waterloo City	M. Beavinger		Oct.14,1960	30	10	18	18	*	D,S	Topsoil 2; sand 18; quicksend 19; coerre sand 30; brown sandy clay 35. Water at 18.
379	Waterloo City	Seagrats & Sons	International Water Supply Ltd.	Sep.19,1962						Т	Gravel fill 2; brown blue clay gravel to; gravel sand boulders 37; blue clay 41; sand gravel clay 45; blue clay 76; silty blue clay 86; fine silty sand clay 92; sand gravel boulders 101; boulders gravel sand ili; boulders sandy clay gravel 116; blue
	Weterloo City	m	**	Sep. 1,1962						т	cley 119; sandy blue cley gravel boulders 123.  Gravel fill 2; brown cley 4; gravel boulders cley 10; sand gravel boulders 27; sand gravel boulders brown cley 31; sandy blue cley 32; blue clay 55; silty blue cley silty sand streaked 67; fine silty sand cley streaked 74; blue clay gravel 77; sandy blue hard clay 80½; sandy blue clay gravel 82; sandy blue clay
	Weterloo City	<b>T</b>	-	Sep. 5,1962	2					т	streaked gravel 89; brown hard cley 91; sandy brown hard cley gravel streaks 105; sandy blue soft clay 110; blue brown black muck soft clay 119; broken gravel clay hard packed 120.  Dirty gravel 8; sand gravel boulders 28; blue silty clay 54; blue clay 59; silty blue clay 66; silty sand 74; fine sand silty clay 86; coarse gravel sand boulders 87; fine sand clay 90; coarse gravel sand boulders 101; blue hard clay 104; sandy clay gravel 109; cemented sand gravel boulders 11; sandy clay
	Waterloo City	J.E. Seagram	-	Nov.12,1962	16	708	72	55	Fresh		gravel streak hard packed 115;gravel sand clay 119. Gravel fill 2;clay 7;sand 9;sand gravel 35;clay sand 37;sand gravel 44;clay sand 45;clay 764;silty clay 87;clay sand 90; sand 912;gravel sand 96;coarse sand gravel 106;gravel sand
	Waterloo City	F. Brohman	R.I. McLaughlin	May 8, 1963	5	18	40	28		D,S	115a; sand gravel clay. Water at 90. Topsoil 2; sand 15; clay 28; hardnen 56; clay 59; gravel 60. Water
	Waterloo City	Seagrams & Sons	International Water Supply Ltd.	Dec. 9,1963							et 59. Brown clay gravel 7; boulders gravel send 26; sand gravel 39; blue clay 77; sandy blue clay 95; cemented sand gravel boulders 97; gravel sand boulders 1054; brown clay 113; cemented sand
	Weterloo City	*		Dec.12,1963							gravel boulders 133; sandv clev gravel 102; Gravel brown cley 8; gravel sand boulders 26; blue clay 55; soft silty blue clay 63; silty sand clay 72; fine sand clay 76; sandy blue clay gravel 81; blue hard clay 108; hard packed clar gravel sand boulders 140; sandy blue clay gravel streaks 159.
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	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	LEVET.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	ATERLOO COUNTY Waterloo city Waterloo city	-cont		Seagrams & Sons Ltd.	International Water Supply Ltd.	Dec.16,1963							Brown clay gravel 6; coarse gravel sand boulders 21; sand gravel 33; blue clay soft sand 39; blue hard clay 68; stilty sand packed clay 64; sand fine sand 90; gravel sand boulders 110; cerented sand gravel boulders 120.
1	Waterloo Twp. BT	lot	1	I. Snider	L.C. Shentz	Dec.12,1963	5	10	58	48	Fresh	ם	Topsoil 1; sandy clay 30; clay gravel 72; silty sandy clay gravel 97; clay gravel 101; gravel clay 120; gravel 126. Water
	ВТ		,	Doonbrook		Jun.15,1960	8	60	22	Flows		P	from 120 to 126.  Boulders clay gravel 20; clay gravel 34; silty sand clay 76;
	BT	×		Sub-division A.E. Barron		May 16,1962		4	100			D	clay gravel 82;gravel sand 88. Water from 82 to 88. Sand 16;gravel sand 55;gravel clay 66;clay streaks gravel 105;gravel streaks clay 125;clay streaks gravel 132;gravel
	BT BT BT		3 3 3	G. Ayres E. Warden H. Buerkle	E. Sauder S. Gill	Jan.21,1960 Peb. 9,1960 Dec. 6,1961	5	15 15 10	19 19 40	18 17 20	:	D D D	send 136;silty grewel send. Water from 132 to 136. Topsoil 2;clay 27;sand 34;gravel 36. Water from 35 to 36. Topsoil 2;clay 27;clay sand 34;gravel 27. Water from 34 to 37 Sand clay 10;gravel 15;blue clay 25;coarse sand 70;gravel 75. Water at 75.
	BT BT BT	:	3 7	A. Kroh R. Hartleib J.H. Smith	Had coWellDigging	Oct. 4,1962 Aug.22,1963 Aug. 4,1962	30	8 3 30	28 28 24	15 10 19	:	D D D	Tonsoil 1; brown clay 9; blue clay 26; gravel 30. Water at 26. Tonsoil 1; brown clay 15; blue clay 28; gravel 30. Water at 28. Tonsoil 1; brown clay 4; oobble stone 7; brown clay 14; gravel 24
	ВТ		7	R. Oberer		Oct. 3,1962	30	5	29	26		D	Water at 19. Tonsoil 1; brown clay 17; coarse gravel 19; cemented gravel
	BT BT	*	11	G. Sachs W. McDonald	N. MacLean HadcoWellDigging	Jun.23,1961 May 29,1961		15 10	50 68	50 50	:	D D	conglomerate 21; fine gravel 30. Water at 26. Dug well 20; cley ouicksand 150; coarse sand 170. Water at 165. Toosoil 1; fine sand 7; gravel 27; blue clay 40; gravel 70. Water at 58.
	BT			J. Hosie	R. McLaughlin	Aug. 7,1961	61	20	66	61		D	Topsoil 1; sand 9; gravel 26; hardman 69; clay 85; hardman 101;
	BT BT			P. Vos R.Hamilton Estate	Had coWellDigging L.C. Shentz	Apr. 4,1962 Jul.28,1962		4 22	16 66 <del>2</del>	12 61 <del>1</del>	sulphur	P P	send 110;gravel 111. Water at 110. Topsoil 1;brown clay 3;gravel 4;coarse send 18. Water at 12. Topsoil 1;sandy clay 8;clay boulders 15;clay gravel 89;gravel clay 95;gravel send 96;clay gravel 127;grey rock 130. Water
	BT			R. Gibbons	•	Sep.20,1963	5	15	52	44	Fresh	ם	from 127 to 130. Topsoil 1;gravel clay 18;clay 45;clay gravel 70;silty sand 74;sand 80;sand gravel 102. Water from 80 to 102.
	BT B <b>T</b>			Doon S.S. P. Voss	Banes Drilling Co	Oct. 9,1963 Dec. 6,1963		10	21	18	:	P D	Brown silty clay 4; grey silty clay 52. Water from 4 to 36. Mixed fill 2; brown coarse sand 15; sand gravel 21; grey clay.
	BBF			H, Schultz	L.C. Shantz	Aug.31,1960	7	15	76	51	•	D	Weter at 18. Topsoil 2; brown clay 63; brown clay gravel 78; gravel sand 93.
	BBF BBF	lot	8	Z. Lavzalys B.F. Compbell	S. Gill L.C. Shantz	0et.15,1960 Jul.26,1961		6 14	65 52	50 49	:	D D	Water from 7° to 93. Sandy clay 20; fine sand 86; gravel 88. Water at 36. Clay gravel 12; brown clay 20; clay boulders 27; clay gravel 74;
	BBF		8	J. Voll		Mer.21,1962	5	15	76	59	•	D	gravel 77; clay gravel 88; gravel clay 92. Water from 88 to 92. Dug well 28; clay gravel 69; silty sandy clay 102; cemented
	BBF		8	E/ Eakins	E.McLaughlin &	Jun.10,1962	7	20	75	62		D	gravel 110; gravel sand 114. Water from 110 to 114. Topsoil 12 layers sand clay 8; hardman 40; sand clay 52; hardman
	BBF		8	H. Lonsbury	Sons C.&H. Kerr	Jun.25,1962	5	15	85	66	*	D	95;gr-vel 105. Water at 105. Stony clay 14;soft brown clay 32;clay stones 60;clay 112; shele 123. Water at 123.
	BB <b>F</b>		8	A. Rohr	L.C. Shantz	Sep.28,1962	5	18	75	71		D	Topsoil 1;sendy clay 14;silty sandy clay gravel 93;clay gravel 137;grey limestone 152. Water at 150.

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BBF	lot 8	W. Smith	L.C. Shantz	Oct.19,1962	5	12	60	56	Fresh	D	Topsoil 1; sandy clay 20; clay 86; gravel clay 102; sand gravel 105. Water at 105.
BBF	m 9	Dr.C.K.Mader	R.I. McLaughlin	Oct.29,1962	5	15	78	70		D	Topsoil 1; clay hardban 46; hardban stones 92; gravel clay 115; hardban 132; blue rock 151. Water from 132 to 151.
BBF	<b>*</b> 8	G. Shultz	J.L. Graham	Jan. 9,1963	5	10	80	64	*	D	Land fill 7; blue stony clay 32; hard clay 63; rock 84; hardnon 87; large stones 93; hardnan 99; brown medium gravel 105. Weter at 105.
BBF	<b>"</b> 8	E. Kinsey	R.I.McLeughlin	Feb.25,1963	5	20	85	75	*	D	Topsoil 1; send 20; cley 53; hardren 102; send 120; hardnen 126; grey rock 143. Water at 128.
BBF	# 8	C. Henderson	L.C. Shanta	Mar. 5,1963	7	15	83	80	,	D	Topsoil 1; sandy clay 15; clay coarse gravel 35; gravel sand 40 coarse gravel sand 60; coarse gravel clay 78; hard blue clay 96; gravel clay 95; sandy clay 112; sand 117; blue clay loose gravel 129; gray rock 135. Water from 131 to 135.
BBF	* 8	D. Ackford	"	Aug.10,1963	5	10	72	70	*	D	Topsoil 1; sandy clay 18; clay 30; clay gravel 104; sand gravel 112. Water from 164 to 112.
BBF	* 9	A. Burden	*	Apr. 7,1961	5	14	69	68		D	Topsoil 1; silty sendy clay gravel 32; brown clay 10?; sand gravel 108. Water from 10? to 108.
BBF	<b>"</b> 9	H. Smith	J.L. Graham	Jan. 8,1962	7	8	95	90	"	С	Dug well 36; fine brown sand clay 48; brown hardban 81; cemented gravel 86; hardban 116; fine sand 120; coarse sand gravel 193. Water at 123.
BBP	<b>"</b> 9	H. Penuegnat	R.I.McLaughlim	Mar. 9,1963	63	18	87	81	**	D	Fill thoseil 5; sand 22; sand clay 61; hardban 95; sand streaks clay 112; sand gravel 118. Water at 112.
BBF	" 9	Eastern Const.	*	Apr. 1,1963	8	90	66	61	*	P	Topsoil 3; sand 11; blue clay 39; hardpan clay 118; sand gravel 126; hardpan 129. Water at 126.
BBF	<b>"</b> 10	Co. Ltd. J. Sykes	L.C. Shantz	Feb.23,1960	5	15	110	90		D	Sand 45; clay 90; clay gravel 142; sand gravel 151. Water from 142 to 151.
BBF	" 10	G. Pinchin	C.&H. Kerr	Apr.30,1960	5	13	116	92	•	D	Boulders coarse gravel 65; stony clay 118; blue clay 124;
BBF	" 10	A.L. Constable	*	Sep.26,1960	5	15	120	116		D	gravel 133. Water at 124. Fill 9;gravel 72;herdeen 122;clay gravel 138;fine gravel 141 Water from 139 to 141.
BBF	" 10	J. Devidson	L.C. Shantz	0ct.13,1960	5	10	112	108	*	D	Topsoil 1; sandy clay gravel 55; sandy clay 70; sandy clay gravel 106; cerented gravel 115; clay gravel 142; gravel sand 148. Water from 142 to 148.
BBF	" 10	W. Giveren	N. Steinman	Nov.22,1960	5	12	125	116		D	Sandy gravel stones 15; sand 51; clay 102; hardpan 157; fine gravel 160. Water from 157 to 160.
BBF	" 10	H. Pfeiffer	C.& H. Kerr	May 26,1961	5 <del>1</del>	15	120	100	*	D	Clay 4; sand 53; blue clay 135; gravel 180; grav limestone 194.
BBF	" 10	N. Newer	R.I.McLaughlin	Nov.17,1962	7	15	45	38	*	D	Gravel 25; clay 38; gravel ??; hardman 115; gravel 118. Water at
BBF	* 10	R. Brisson	L.C. Shantz	Dec.20,1962	7	15	60	58		D	Gravel boulders 20; blue clay 40; cemented grayel 65; coarse gravel clay 98; gravel sand 101. Water from 08 to 101.
BBF	" 12 " 13		R.I.McLaughlin	Oct.26,1963 Aug.19,1963	6 <u>3</u>	15 15	35 88	32 82		D,S	Dug well 30;gravel 46;hardnan 48;gravel 49. Water at 48. Topsoil 2;hardnan 9;gravel 28;hardnan gravel 63;clay hardnan
BBF	" 14		N. Steinman	Feb.19,1960	5	12	85			D	123;sand 128;gravel 129. Water at 128. Fill 7;stony hardban 26;gravelly hardban 46;blue clay 51;
BBF								77			hardban 91; hardban grevel 110. Water at 110.
	" 14		E.McLaughlin & Sons	reb.25,1960	5	20	70	67		D	Topsoil 1;gravel 10;hardpan 45;hardpan boulders 70;hardpan 91;gravel 96. Water at 96.
B27	<b>"</b> 14		L.C. Shentz	Oct. 5,1960	5	12	72	66		D	Topsoil 1; silty clay 15; brown clay gravel 46; silty sandy clagravel 55; brown clay gravel 110; sand gravel 114. Water from 110 to 114.
BBF	* 14	J.G. Reid	HadcoWellDigging	°ct.29,1960	30	25	42	25	*	D	Topsoil 1; brown sand 8; brown clay 13; blue clay rocks 21; hardban clay rocks 35; gravel 37; brown clay 42. Water at 35.

	LOCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	oo COUNTY		t.	G. Eby	E. McLaughlin &	Apr. 8,1961	5	15	78	60	Fresh	D	Topsoil 1; hard brown clay stones 11; brown clay sand 29; blue
BBP			14	J. Garraway	Sons C.& H. Kerr	Apr.27,1962	5	10	110	75		D	cley 56; hardran 93; fine gravel 95. Water from 93 to 95. Brown clay 20fstony clay 40; boulder clay 110; clay gravel 115; sand 118. Water from 115 to 118.
BBF BBF			14 14	E.Kochanowski C. Grigg	J. Mobie Banes DrillingCo	Jun. 4,1963 Aug. 2,1963		2 20	25 12	20 10		D D	Topsoil 2; clay 30. Water at 25. Fine brown sand 8; sand gravel 11; gravel boulders 15. Water at
BBF BBF			14 16	R. Wilson R. McKie	HadcoWellDigging R. McLaughlin	Oct.15,1963 Feb.27,1961		2 20	17 65	12 62	:	D D,S	10. Topsoil 1;brown sand 4;gravel sand 18. Water et 12. Topsoil 1;clay 3;clay boulders 60;hrdman cley 92;gravel 99.
BBF		•	17	E. Hammer	Ha&coWellDigging	May 24,1962	30	2	14	4	•	D	Water at 99.  Topsoil 6;brown clay 12;brown sand 3; revel 4;brown clay 9; blue clay 19;gravel 144. Water at 13.
BBF			18	R. Ditner	W. Packham	Apr.19,1960	5	10	35	27	•	D	Loam 6; stones clay 25; fine gravel clay hardman 115; gravel sand 125; gravel 129. Water at 127.
BBF			18	J.Nickelson	E.McLaughlin & Sons	Aug.29,1960	5	15	87	78		D	Topsoil 1; clay hardban 22; hardban boulders 58; hardban streaks clay 120; sand 123; gravel 124. Water at 124.
BBF		*	16	R.Shellhorn	HadcoWellDisging	Jun. 6,1961	30	4	14	7	300	D	Topsoil 2; brown sand 7; gravel 9; fine sand 14. Water from 7 to 9.
BBF		*	18	G. Kay	•	Jun. 6,1961	30	10	17	10		D	Topsoil 1; brown clay 4; fine brown sand 10; gravel 12; brown clay 14; gravel 15; blue clay 19. Water at 10 and 14.
BBF			20 20	H. Moyer R. Herloch	:	Nov. 6,1961 Nov. 7,1961		1 10	16	19 6	:	D,S	Topsoil 1; brown clay rocks 15; brown sand 25. Water at 19. Topsoil 2; brown clay stones 7; brown sand 11; brown clay 13; gravel 20. Water at 10.
BBF		*	23	EmbassyMotel	L.C. Shantz	Apr. 2,1962	7	20	71	59		P,D	Dirty gravel 12; clay 29; clay gravel 96; clay shale 128; grey rock 138. Water from 135 to 138.
BBF			23	E. Wilflin	C.& H. Kerr	Jun.30,1962	5 <del>1</del>	13	85	70	•	ם	Clay 5; boulder clay 40; blue clay 108; stony blue clay 119; blue limestone 126; send 127; brown limestone 135. Water at 132.
BBF		**	24	N. Kinzie	L.C. Shantz	Nov.28,1960	5	18	24	17	•	D	Topsoil 1;gravel clay boulder 17; clay gravel 38; cemented
BBF		*	24	P. Schmit	•	Dec. 5,1960	5	10	43	23		D	gravel 48; gravel sand 52. Water from 48 to 52. Topsoil 1; gravel clay boulders 35; cemented gravel 41; clay gravel 104; cemented gravel 109; hard blue rock 113. Water at 112.
BEF		*	24	C.D.,Grimm	S. Goll	Dec.17,1960	6	6	77	65	*	D	Dug well 22; sandy clay 85; brown clay 95; fine sand 110;
BBF		**	24	R. Stanlbaum	L.C. Shantz	Dec.20,1960	5	14	46	44	•	D	limestone 112. Water at 112.  Dug well 5;gravel clay 18; clay gravel 98;gray rock limestone
BBF		•	24	Texaco Can.Ltd	C.H.Rutledge	Jan.15,1961	5	10	66	59	•	С	114. Water from 100 to 114. Sand 6;boulders sand 45;blue clay sand grevel 95;brown clay 98;gravel sand mud boulders 118;limestone 138. Water at 118
BBF			24	H.W. Lee	N. MacLean	May 10,1961		12	50	50	:	D	and 132. Send 90;hard clay 105; sand 118; blue rock 150. Water at 145.
BBF BBF			24	W. Otterbine V.F. Peterson	ī	May 23,1961 Jun.22,1961		10	55 60	55 60	:	D	Sand 70; hard clay 100; sand 103; coarse sand 118. Water at 118. Sand gravel 50; hard clay 100; fine sand 136; hard blue rock 146
BBF		•	24	J. Voll	L.C. Shentz	Oct.10,1961	5	15	39	38	•	D	Water at 146.  Dug well 40; cemented gravel 63; clay gravel 94; cemented gravel
BBF		•	24	C. Stewart	•.	Jan.13,1962	5	22	66	61	•	ם	113;grey rock 131. Water at 128. Dug well 28;cley gravel 106;cerented gr vel 111;send silty gravel 116;cerented gravel 127;clay gravel 138;grey limestone
BBF		*	24	J.L. Cline		Feb.22,1962	5	20	74	62	•	D	153. Water from 149 to 153. Topsoil 2; clay gravel 7°; silty sandy clay gravel 109; cemented gravel 121; gray rock 133. Water from 128 to 133.
BBF		•	24	D. Anderson	J.L. Granam	Mar.7, 1962	6	10	100	68	*	ם	Garden loam 2; fine brown send 10; boulders clay 45; clay grevel 78; herd nacked send 122; blue shaly rock 132. Water from 122 to 130.

1	ATERLOO COUNT												
- 3	Waterloo Twp.		cont.	•			in the			1	1		
	BBF		t 24		J.L.Graham	Mar.16,1962	5	10	100	64	Fresh	ם	Fine brown sand 8;gravel small boulders 29;stony blue clay 70 hard packed sand 107;hard backed gravel 118;gravel 123. Water
	BBP	*	24	E. Calvert	C.& H. Kerr	Mar, 27, 1962	5₺	13	90	60	•	D	at 123. Sand 15;gravel 45;blue clay 110;stony clay 123;brown limestone 158. Water from 150 to 158.
	BBF	**	24	K. Croal	J.L.Graham	Mar.29,1962	6	10	100	63	*	D	Fine brown sand 8; clay large boulders 40; clay gravel 90; fine silty sand 108; hard backed gravel 127; dark grey rock 133.
	BBP	*	24	G. MacDonnell	G.& H. Kerr	Apr. 5,1962	5₺	13	75	50		D	Water at 133.  Brown clay 20; stony clay 45; clay boulders 108; stony clay 123; brown limestone 129. Water at 129.
	BBP	*	24	R. Bieth	J.L. Graham	Apr.23,1962	6	10	80	65		D	Land fill 8; fine sand 19; brown clay stones 80; fine sand 90; blue stony clay 110; gravelly clay 120; dark grey stone 132;
	BBF	*	24	M. Poll		May 4, 1962	7	10	80	62		D,C	alternating shale 142;gravel 144. Water at 143. Fine brown sand 8;gravel 19;clay boulders 40;clay gravel 124;grey rock 144;coarse gravel 146.
	BBF	*	24	W. Wilflin	C.& H. Kerr	May 12,1962	5 <del>1</del>	13	85	60	-	מ	Sand 10; clay gravel 25; blue clay 121; blue limestone 138. Water from 135 to 138.
	BBF		24	D.E. McNichol	•	May 22,1962	5 <del>1</del>	13	85	65		D	Sandy clay 15; stony clay 35; blue clay 103; stony clay 120; blue limestone 136. Water from 133 to 136.
	BBF		24	C. Hahn	J.L.Graham	May 31,1962	7	10	70	56	*	D	Topsoil 3; fine brown sand 8; boulders clay 30; stony blue clay 119; dark grey rock 137. Water at 136.
	BBF		24	M. Tinnes	•	Jun. 6,1962	7	10	38	58		D	Fine brown send a; boulders clay 32; stony clay 84; brown clay send 117; grey rock 138. Water from 130 to 138.
383	BBF		24	A. Henderson	C.& H. Kerr	Jun.15,1962	5	13	85	65		D	Brown clay 15; stony clay 30; blue clay 107; stony blue clay 128; blue limestone 138. Water from 135 to 138.
	BB <b>F</b>	-	24	C.E. Zinkhann		Sep.15;1962	51	13	80	60		D	Clay boulders 40; hard stony clay 60; silty sand 100; blue clay 120; blue limestone 146.
	BBF	**	24	W. Groves	J.L. Graham	Nov. 2,1962	7	10	80	70	п	ם	Fine sand 8; coarse gravel 10; boulders clay 38; grey clay gravel 84; fine sand clay 93; hard packed sand 118; shaly blue
	BBF		24	J. Frank	*	Nov.13,1962	7	10	80	65		מ	rock 137; blue rock 141; coarse gravel 142. Water at 142. Fine brown sand Reboulders clay 38; stony clay 68; sand clay 89; cemented gravel 119; blue shaly rock 127; hard blue rock 145. Water at 144.
	BBF	**	27	A. Gager	C. H111	Apr. 1,1960	4	21	120	70 76	le .	D	Sand 30; clay 70; gravel 85; grey blue rock 156. Water at 156.
	BB <b>F</b>		27	H. Eggen	R.McLaughlin	Oct.21,1963	5	15	80			D	Topsoil 4; gravel clay 10; clay 30; clay herdoan 69; hardoan 82; loose hardoan 92; gravel 94. Water at 92.
	BB <b>F</b>		28	F. Bricker	L.C. Shantz	Dec.31,1960	5	12	76	72	-	D	Dug well 18; clay gravel 102; gray rock 160; brown rock 182. Water from 175 to 182.
	BBF	•	28	R. Lang	•	Aug.28,1961	5	10	70	37		D	Dug well 8; clay boulders 26; clay grevel 35; brown clay 42; mixed brown clay gravel 72; silty sandy clay gravel 100; grey rock 148. Water at 140.
	BBF		32	E. Musselman	*	May 6, 1960	7	15	34	33		D,S	Clay sand 16; clay grovel 90; gravel 93; clay gravel 110; gravel sand 119. Water at 90 and from 110 to 119.
	BLB Con I		9 11	E. Johanson	•	Aug. 4,1962	5	12	7	6		D	Well pit 5; grey rock 28. Water from 20 to 28.
	BLB Con I					Nov.22,1960	-	7	72	51	_	D	Topsoil 1; clay gravel boulders 34; clay gravel 72; silty sandy clay gravel 76; gravel sand 82. Water from 76 to 82.
	BLB Con II		11		J.L. Graham	Aug.29,1961	5	10	38	14	_	D	Brown cley 4; fine send 16; brown cley send 27; brown limestone 58; light brown stone 74; medium dark stone 80. Water at 74.
	BLB Con III BLB Con III	•	6	W.L.Thompson H. Hermann	C. H111 J.L. Graham	Aug.11,1962 Jul.16,1962	7	6	60 60	27 45	•	D,S	Sand gravel 20;herd clay 51;grey limestone 125. Water at 125. Dug well 25;sand brown clay 70;fine sand 92;coarse sand 95. Water at 95.
	BLB Con III BLB Con III		6 11	THE PROPERTY OF STREET	W. Packham L.C. Shantz	Sep. 6,1963 Oct.21,1960	6 5	25 19	90 50	58 19	:	D,S	Pit 5; sandy clay 80; sand gravel 105; gravel 110. Water at 110. Clay gravel 18; grey limestone 108. Water at 89.
	BLB Con III		11	J. Gehiere	C. H111	Dec.18,1963	4	9	80	16		D	Clay gravel 16; grey limestone 99. Water at 99.

LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
VATERLOO COUNTY												
Waterloo Twp. BLB Con III			F.J. Tschanz	J.R. Sprowl	Sep. 4,1963	4	10	35	15	Fresh	D,S	Sand gravel mixed 15:dark grey limestone 60;brown limestone
BNS		8	B.J.Springall	E.McLaughlin &	Jun.24,1962	7	25	75	52		D.Ir	85. Water at 35, 65 and 80. Topsoil 1:sand clay 7:hardpan small boulders 32:hardpan 90:
BNS	•	11	R. Steffler	Sons R.I.McLaughlin	Apr.30,1962		14	105	100		D.S	clay sand 115; hardban 124; gravel 128. Water from 124 to 128. Topsoil 1; sand 94; hardban 105; sand 107; hardban 126; gravel
BOS		2	M.W. Keefer	Ħ	Aug.21,1963		15	51	11		D	133. Water at 130. Sand 2:boulders grayel 12:big stone clay 25:hordpen 66:
BOS	*	-	D. Utter	J.L.Graham	Sep. 7,1961		10	60	34		D	grovel 71. Water at 66.
D03	-	*	b. otter	O.D.Granam	Sep. 7,1901	0.5	10	80	)**			Brown clay 4; clay boulders 22; grey clay 89; clay gravel 94; cemented gravel 106; grey rock 122; black grey rock 123. Water
BOS		4	C.W. Baumtrog		Feb. 1,1963	5	20	30	25	•	D	at 113. Dug well 22; gravel sand 78; light brown rock 98; blue shale 100
BOS		5	C.S. Szczepski	L.C. Shantz	Mar.13,1961	5	15	22	15		D	Water at 99. Topsoil 1; silty sandy clay gravel 47; dirty gravel sand 50;
												silty sandy clay gravel 70; silty sand 80; brown limestone 99. Water from 95 to 99.
BOS		5	J.Levei Jr.	J.L. Graham	Oct. 6,1961	5	10	80	44		D	Clay boulders 48; clay sand 60; hard packed gravel 123; grey limestone 147. Water at 147.
BOS	•	6	H. Kinsie	R.I.McLaughlin	Mar.22,1962	61	15	30	25		D,S	Topsoil 1; sand streaks clay 40; clay 46; hardpan 93; clay 112; hardpan 115; gravel 119. Water at 115.
BOS	•	11	D. Grimm	E.McLaughlin &	Jan.26,1960	6	25	74	65	•	D	Dug well 43; hardban 62; hardban clay 76; quicksand clay 81; sand
BOS		11	F. Karges	Sons L.C. Shents	Jan. 3,1963	7	15	61	58	*	D	hardpan 93;grovel 95. Water at 95. Topsoil 5;boulders gravel 25;clay grovel 75;cemented gravel
BOS		12	H.Schoenhofer	Had coWellDigging	Sep.20,1960	30	5	25	12		D	100; gravel sand 125; sand gravel 135. Water from 125 to 135. Topsoil 2; brown clay 8; sand 12; blue clay 30. Water from 8
BT			Grand Valley Conservation Authority	E.McLaughlin & Sons	Sep. 2,1960	7	20	52	39	•	D	to 12. Clay sand fill 2;topsoil 3;pit run gravel 6;sand clay 24; blue clay 35;medium hard hordoon 69;medium coarse sand 28; coarse sand 88;fine medium coarse gravel 92. Water from 28
BT		-	C. Thurston		Nov.17,1961	7	25	40	28		D,S	to 92. Topsoil 1;gravel boulders 19;hardpan 58;sand gravel 88;
BL			K. Herner		Jan.9, 1960	6	25	90	80		D	hardpan 106; sand gravel 112; gravel 112. Water from 112 to 117. Topsoil 1; sand gravel 10; hardpan 45; hardpan boulders 50;
BL		- 1	J.J. Chircoski		Apr.29,1961	61	15	53	44	*	D	hardpan clay 120; sand 123; gravel 124. Water at 124. Topsoil 1; clay sand medium stones 24; hardpan 74; fine medium
BL			J. Bettke	R.I.McLaughlin	May 15,1962		15	56	51		D	gravel 76. Water from 74 to 76. Topsoil 1; gravel boulders 18; hardpan 24; clay 58; hardpan 79;
BL			W.Stankiewicz	#	Jun. 3,1962		15	56	51		D	grvel hardoen 80;gravel 81. Water at 80. Topsoil 1;gravel boulders 18;hardoan 24;clay 58;hardoan 79;
BL			L. Sheils	n	Nov.17,1962		16	70	65		D	gravel hardpan 80; gravel 91. Water at 80.
BT				I (1 (2) - 1 -		1					-	Cley 60; hardpan 110; cley 115; hardpan 127; brown rock 147. Water from 127 to 147.
			R. Steckle	L.C. Shantz	Nov.28,1963	7	12	25	24		D,S	Topsoil 1; sandy clay 20; clay 32; silty sandy clay 47; clay 74; clay gravel 80; gravel 105. Water from 80 to 105.
G CT	lot	^	M. Martin	N. MacLean	Sep.22,1962	1	6	90	69		D,S	Boulders gravel 50; sand 120; clay 170; gravel 216; blue rock 220. Water at 218.
GCT	* 1		A. Martin	R.I.McLaughlin	Jan.15,1963	5 <del>1</del>	20	74	64	*	D,S	Dug well 24; sand clay 36; clay 75; sand 76; clay 112; horipan 156; clay 232; blue rock 239. Water from 234 to 239.
g CT	* 2	7	M.B.Martin	E.McLaughlin& Sons	Feb.15,1960	6	25	80	48		S	Tonsoil 2; clay small stone 32; hardpon 123; hardpan fine gravel 132; hardpan 172; sand 184; fine gravel 187; coarse
cor	<b>*</b> 2	28	A.S. Martin	J. Moore	Jan.14,1963	30	3	35	30		D	grevel 190. Water from 124 to 132 and from 187 to 190. Sand 30; gravel 40. Water at 35.

,	VATERLOO COUNTY												
	Waterloo Twp. GCT GCT		30 30	A. Bauman	J. Woort R.I.Mclaughlin	Nov.11,1963 Jun. 8,1962	30 61	5 15	25 45	22 15	Fresh	D,S D,S	Fine sand 20; coarse sand 34. Water at 22. Topsoil 2; clay 30; quicksand clay 67; hardpan 83; gravel 85.
	G CT	10	32	E. McLaughlin	E. McLaughlin	Feb.27,1960	5	40	100	72	*	P	Water at 83. Clay smell stones 38; medium send 84; fine quicksend 114; coarse
	G CT G CT	**	32 32	L. Engler	J. Moore E. McLaughlin	Jun.28,1961 Mar. 2,1962	5	17	150	129		D	quicksand 128. Water from 115 to 126. Topsoil 3;grey clay 24;fine sand 50. Dry hole. Topsoil 1;small stones clay sand mixed 28;very fine sand 120; blue clay 150;hardpan 170;cemented gravel 178;blue clay 210; medium coarse sand mix 263;coarse sand 277. Water from 210 to 277.
	G CT G CT	**	32 32	L. Gies A. Ringle	J. Moore R.I. McLaughlin	Oct.15,1962 Dec.30,1963	30 5	3 15	30 165	20 140	**	D D	Brown clay 5; blue clay 43; coarse gravel 45. Water at 43. Topsoil send 3; sand 14; clay 42; sand clay 125; clay 132; sand 170; hardpan 275; sand clay 280; quicksend 280; fine sand 301.
	G CT	*	33	H. Parker	E.McLaughlin	Nov.15,1960	5 <del>2</del>	35	80	59		D	Water at 289. Topsoil 2;hardoan 29; vellow clay 60; quicksand 105; fine gravel
	G CT	99	33	D. Snyder	R.I. McLaughlin	Dec. 3,1962	5	18	48	42		D,S	109. Water from 105 to 109. Topsoil 1; sand clay 12; sand 36; duicksand clay 38; sand clay 64;
	g ct	н	34	C. Williams		Jul. 7,1961	5	18	98	92	*	D	sand hardpan 75; sand 85. Water from 75 to 85. Topsoil 2; clay 10; sand clay 35; hardpan 48; sand clay streaks
	GCT	H	35	Kitchener Water Comm.	International Water Supply Ltd.	Feb.10,1961	2	37		6	*	T	98; sand 130; finer sand 141. Water at 130.  Brown clay gravel boulders 4; blue clay 38; silty clay sand fine gravel 41; blue clay 49; silty clay sand fine gravel 73; coarse gravel boulders sand 85; blue clay sandy gravel 97;
385	G CT		38	A.Westenhoefer	E.McLaughlin & Sons	Feb. 8,1960	6	15	130	110	10	D	Dug well 86; clay hardpan 110; hardwan 128; sand silt 153; gravel 156. Water at 156.
5	G CT		38	Kitchener Water Comm.	International Water Supply Ltd.	Aug.31,1961	7	11	168	98		T 12-61	Brown clay gravel 11; blue clay sandy gravel 41; sandy blue clay 55; fine sand silt fine gravel clay 158; gravel sand 162; fine sand silt fine gravel clay 167; fine gravel fine sand silt clay 187; hard blue clay 191; sandy blue clay 193; hard blue clay 203; blue clay gravel streaks 210; coarse gravel clay sand silt 220; sandy brown clay gravel hard backed 2½; cemented sandy gravel 243; sandy brown clay gravel hard packed 279; sandy blue clay gravel hard packed 309; blue clay blue shale brown limestone 318.
	GCT	**	39	G. Pfaff	R.I.McLaughlin	Jun.24,1963	7	15	131	121	Fresh	D	Clay 1; clay stones 9; clay 63; hardpan 67; sand 70; clay 103; hardpan 123; gravel hardpan 146; gravel 148. Water at 146.
	GCT		38	Brandon Const.	HadcoWellDigging Ltd.	Jul.17,1963	27분	3	26	14		D	Topsoil 2; clay 35; Water at 14, 20 and 26.
	G CT	*	39	G. G.Stoltz	E.McLaughlin & Sons	Sep.17,1963	5	12	115	95	*	D,S	Topsoil i;reddish brown clay small stones 48; fine sand reddish brown clay 55; hardpan 105; sand clay 115; fine sand 128; medium sand 136; sand clay 138. Water from 128 to 136.
	G CT G CT		44	B. Hergott T.Vandepole	R.I.McLaughlin	Jun.13,1962 Dec. 6,1962	5	20 15	26 46	16 39		D	Topsoil 2; sand 3; clay 23; hardpan 54; sand 68. Water at 54. Sand clay 75; hardpan 81; sand 95. Water from 81 to 95.
	GET		45		HadcoWellDigging	Oct.14,1960	30	2	15	7		D	Topsoil 1; sand 18. Water at 11.
	g CT		45			Sep.27,1962	30	3	18	8	-	D,S	Topsoil 1; brown sandy clay P; grey sand 19. Water at 8.
	GCT		46	Kitchener Water Comm.	International Water Supply Ltd.		5		10			T	Fill 1;brown clay 2;fine sand brown clay 4;brown clay gravel streaks 17;blue clay 22;sandy blue clay gravel streaks 40; sandy clay gravel 53;blue clay gravel 55;boulders gravel sand 82;sandy hard clay 87;cemented sand gravel 88;sandy blue clay streak gravel 119;hard blue clay 127;blue sandy clay 138; hard blue clay 173;blue clay gravel streaks 179;boulders gravel clay 181;sandy clay streaks gravel 189;sandy clay gravel 204.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	L		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	O COUNTY Loo Twp		t.	Kitchener Water Comm.	International Water Supply Ltd	Apr. 6,1960	2	18	50	18	Fresh	T 8-60	Brown clay 5; sand gravel 6; sandy blue clay gravel 14; blue clay 40; sandy blue clay 80; fine sand clay gravel streaks 103; sand fine sand 122; hard blue clay 138; sandy clay grevel
g ct		•	46	*	•	Apr.14,1960	2			44	٠	9-60	streaks 162. Brown clay 8; blue clay 16; blue clay gravel streaks 57; sandy blue clay gravel 66; coarse gravel boulders sand 75; coarse g gravel boulders sand streaks sandy clay 94; sandy blue clay gravel streaks 108; sandy clay gravel hard packed 112; sandy
GCT		•	46	•	-	Apr.20,1960	5					10-60	gravel streaks 73; sendy clay hard packed 74; andy clay eravel streaks 78; coarse gravel boulders sand clay streaks 97; sandy clay hard packed 105; sandy clay gravel streaks 117; sandy clay
G CT			46	•	•	Apr.22,1960	5					11-60	gravel 139. Sandy brown clay 8; sand gr vel clay 9; blue clay gravel streak 16; sandy blue clay gravel streaks 41; blue sandy clay 60; coarse gravel sandy clay boulders 65; coarse gravel sand boulders clay 83; blue hard clay 88; sandy clay gravel streaks 100; blue soft clay 104; sandy clay gravel streaks 110; blue hard clay 116; sandy clay gravel 118; blue hard clay 137;
g CT		•	46	•	•	Apr.30,1960	5	ja				7-60	sandy clay gravel 140. Topsoil 1;dirty sand gravel streaks 25;sandy clay gravel streaks 42;sandy brown clay 54;sand gravel streaks packed dirty 88;blue sandy clay 117;sandy blue clay hard packed 146; sandy clay gravel boulders packed dirty 171;sandy clay gravel
GCT			46	*	•	May 4, 1960	5					T 12-60	streaks hard packed 182.  Brown clay gravel boulders 8; blue clay 10; fine sand 18; fine sand gravel 21; blue sandy clay 36; fine sand clay 52; coarse gravel boulders sand clay streaks 74; sandy clay 75; sandy clay gravel 76.
GCT			46	•	*	May 13,1966	2	171	24	23	Fresh	12A-60	Brown clay gravel boulders 8; blue clay gravel 22; sandy clay gravel 27; blue clay 37; fine sand clay 53; coarse gravel boulders sand clay 77; blue sandy clay 85; sand gravel dirty clay 90; fine sand gravel stresks 102; blue hard clay 110; fine
G CIT		* 4	6	•	•	May 20,1960	2	20	27	26	•	T 13-60	sand clay 115; blue hard clay 119.  Brown blue clay gravel boulders 6; blue clay sandy gravel streaks 27; blue clay 42; sandy clay gravel streaks 58; blue clay 60; fine sand gravel clay streaks 73; sandy clay small gravel streaks 111; blue clay 114; sandy clay gravel 130; sandy clay hard packed 156; sandy clay hard gravel 159; sandy clay
g CT		• 3	46		•	Peh. 9,1960	2	21	74	72	Fresh	1-60	161. Topsoil 1; brown clay 7; sand gravel boulders 8; silty blue clay sand streaks clay 4; blue clay 75; sand dirty gravel 85; boulders gravel sand 87; sand dirty gravel 92; silty sand 93; blue hard clay 102; sandy blue clay gravel streaks hard packed 132; sand gravel clay 137; sand gravel boulders clay hard packed 146; sand gravel clay 166; sandy clay gravel streaks hard packed 176; sandy clay gravel boulders streaks hard packed 192; fine soft sand 199; blue hard clay 224; sandy blue clay gravel hard backed 233; sandy blue clay gravel streaked hard packed 235; cemented sand gravel 236; clay streaks gravel 249; cemented sand gravel 256; brown limestone 257.

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V	VATERLOO COU			K									
	Waterloo Twy GCT	cor		Kitchener Water Comm.	International Water Supply Ltd.	Feb.25,1960	5					T 3-60	Brown clay 11; blue clay gravel 3?; fine sand 36; sandy blue clay 62; sandy blue clay streaked 92; sand fine gravel streaked clay 122; fine sand 126; blue clay 140; sandy blue clay gravel
	G CT	er	47	*		Mar.15,1960	5					T 5-60	streaks 15%; sandy clay gravel hard packed 165; sandy clay gravel streaks 181; sandy gray clay gr vel hard packed 199; blue clay streaks gravel 222; sandy blue clay gravel hard packed 239; sandy blue clay hard packed 255.  Brown clay 10; blue clay streaks gravel 32; fine sand clay 34:
	G CT	19	48	E. Shupe	R.I.McLaughlin	May 14,1962	61	12	60	55	Fresh	D,S	Topseil 1; sand 48; blue clay 61; hordoon 78; gravel 80. Water at 80.
	G CT	**	60	M.R. Good	HadcoWellDigging	Sep. 8,1961	30	5	56	48		D	Topsoil 1; fill 5; gravel sand 20; brown clay 24; coarse gravel sand 51; blue clay 60. Water at 48.
	GCT	11	60	H. Hoch	R.I.McLaughlin	Oct.15,1962	5	15	70	65		D	Topsoil 1; sand clay streaks 18; blue clay 62; sand clay 74; hardpan 132; sand 136; gravel 138. Water at 136.
1-3	GCT	20	60	S.A. Davison	Banes Drilling Co.	Aug.14,1963	30	10	11	12	"	D	Sandy loam 3; brown sand gravel 12; gravel 17; clay. Water from 12 to 17.
387	GCT	*	61	S. Weber	E.McLaughlin & Sons	Apr. 6,1960	5 <del>2</del>			Flows	M	D	Tousoil 2; sand clay stones 18; blue clay 78; coarse sand 84; blue clay 125; layers coarse sand clay 133; hardban 179; soft blue shale 186; hard blue shale 109, Water from 208 to 209.
	G CT G CT	Ħ	61 61	G. Fisher A. Thiessen	HadcoWellDigging E.McLaughlin & Son	Sep. 7,1960 Sep.17,1960	30 5	10 100	16	13 Flows	"	D	Topsoil 1;gravel send 20. Water at 13. Topsoil 2;sand cley 28;blue cley 126;hardpan 173;medium coarse gravel 177;hardpan 194;medium hard blue shele 205. Water at 39 and 62.
	G CT G CT		61 61	A. McKerron J.R. Ross	Had coWellDigging	Ct.27,1960 Nov.11,1960	30 30	43 50	13 18	8 14	**	D D	Topsoll 1; brown clay 3; coarse sand 17. Water at 8. Topsoll 1; brown clay 6; fine sand 12; coarse sand 16; brown clay 17; coarse sand 20. Water at 12 and 17.
	G CT	н	61	R. Cluthe	Acme WellDrillers	Sep. 6,1962	4	45		Flows	,	מ	Clay small boulders 10; clay sand 07; sand 130; gravel 172; coarse gravel 191; light blue rock 196; rock 198. Water at 198.
	G CT	m	62	V. Misener	HadcoWellDigging	Aug.17,1960	30	6	10	6	. 11	D	Topsoil brown clay 6; charge sand 9; gravel 16; boulders 162.
	G CT G CT	**	62 62	R. Woroch Dorwood Developers Ltd.	R.I.McLaughlin	Jun. 5,1961 Jul.19,1962	30 8	15 360	15 138	6 65		D P	Topsoil 1; brown sand 4;gr=vel 164. Water at 6. Topsoil 1; clay sand 14; clay 52; hardpan 86; blue clay 90; hardpan 114; clay 154; sand clay 167; fine gravel 176; coarse
	G CT G CT	m m	62 62	J. C. Contractor	J. Moore	Mar.12,1963	30	10	6	6		D	sand 182; clay 186. Water from 167 to 182. Topsoil 2; brown clay 4; coarse gravel 12. Water at 6.
	GCT		62	•		Mar.20,1963 Mar.27,1963	30 30	10 10	66666	6		D	Topsoil 2; brown clay 4; coarse gravel 12. Water at 6. Topsoil 2; brown clay 4; coarse gravel 12. Water at 6.
	G CT G CT	100	62	,,	"	Apr.13,1963 Apr.17,1963	30 30	10	6	6	-	D	Topsoil 2; brown clay 4; coarse gravel 12. Water at 6. Topsoil 2; brown clay 4; coarse gravel 12. Water at 6.
	G CT G CT	**	62	D. Mertin J.C. Contractors	*	Jun. 1,1963 Aug. 6,1963	30 30	10	8 6 6	6	**	D D	Topsoil 1; sand gravel 121. Water at 6. Topsoil 2; brown clay 4; coarse gravel 13. Water at 6.
	G CT G CT		62	"		Aug. 6,1963	30	10	6	6	"	D	Topsoil 2; brown clay 4; coarse gravel 14. Water at 6.
	GCT		62 63	N. Toman	E.McLaughlin & Sons	Aug. 6,1963 Oct.17,1960	30 6	10 18	55	35	н	D,S	Topsoil 2; brown clay 4; coerse gravel 14. Water at 6. Topsoil 1; clay sand 5; sand 18; blue clay 57; hordpan 96; hardpan gravel 100; hordban 121; sand gravel 123. Water at 123.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER?	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	OO COUNTY		nt.	H. Christensen	Had coWellDigging	Aug. 4,1960	30	5	22	4	Fresh	D	Topsoil 2;gravel sand 4;grey clay boulders 30. Water at 4.
GCT			66	A.R.Kaufman	E,McLaughlin & Sons	Mer.25,1961	7	20	80	63		Ď	Topsoil isherd brown clay small stones 14; sticky blue clay 56; herdpan 125; fine coarse sand 130; medium gravel 133. Wate from 125 to 133.
GCT			66	W. Shantz	R.I.McLaughlin	Nov.23,1961	6 <del>1</del>	20	76	70	•	D	Tonsoil 1;hardpan 68; clay 91;hardpan 136; gravel 141. Water from 136 to 141.
G CT			66	R. Bareman	HadcoWellDigging	Apr.31,1962	30	2	29	20	•	D	Topsoil 1; brown clay 3; brown sand 8; gravel 20; brown clay 20 blue clay 30. Water at 20.
g ct g ct			66 70	Howald Const. L.E. Shantz	J. Moore W. Packham	Dec.13,1963 Aug.23,1963	30 6	5 25	6 85	6 65		D S	Brown clay 5; coerse gravel 12. Water at 6. Loam clay 10;11ght brown sand 25; soft clay gravel 90; harder clay gravel 160; sand gravel 164; gravel 166. Water at 166.
G CT G CT		*	71 71	B. McClutchen R. Kraft	HadcoWellDigging R,I, McLaughlin	Aug.23,1963 May 17,1963	30 7	1 20	98	14 90	:	D D	Topsoil 1;gravel sand 19;blue clay boulders 23. Water at 100. Topsoil 2;coerse gravel 45;herdpen 60;clay 124;herdpen 159 gravel 160. Water at 159.
G CT G CT		*	73 74	T.Horsf J. Fay	J. Moore L.C. Shentz	Nov. 5,1963 Jul.16,1963	30 7	10 15	30 43	10 25		s D	Send 38; clay 39. Water at 38. Dug well 18; clay gravel 85; sand gravel 99. Water from 85 t
G CT		•	75	E. Zettle	E. McLaughlin & Sons	Sep.30,1961	4	15	70	65		D	99. Hard brown clay small stones 26; blue clay 56; hardnan 122; sand gravel clay mixture 135; coarse sand 140; sand fine gravel 144. Water from 135 to 144.
G CT		*	76 79	A. Seblefski G. Zettle	Bames Drilling Co. J.L.Graham	Nov.13,1963 Peb. 6,1962	30 5	10 10	17 45	13 35		D D,S	Clay coarse gravel 8; brown sand 14; rey clay 18. Water at Topsoil 3; brown clay stones 34; grey hardban 103; fine sand
G CT			89	H. Schmitz	C. Hill	Mer. 4,1960	4	5	80	25		D	grey hardpan 118; fine sand gravel 125. Water at 125. Rough gravel 30; clay 65; sand large boulders 82; grey limest
G CT		*	89	W.J.Dobrensky	•	Mar.16,1960	4	4	80	20		Ď	110. Water at 110. Gravel 21; sand 40; clay 80; sand 85; grey limestone 120. Wate
			89	J.K. Lokker	J.L.Graham	Jan. 5,1961	4	12	45	23	•	D	at 120. Topsoil 1;gravel brown stones brown clay 18;gray hardpan 3 boulders gravel 40;gray hardpan 75; coarse sand brown clay cemented sand gravel 95; light gray rock 107; greenish brown
g ct			89	W.Dettweiler		Jun.14,1962	5	5	80	20		D	rock 124. Water from 120 to 124. Brown stony clay 34:grey clay 76; clay gravel 87; light grey
g ct		*	89	P. Paradis	R.I.McLaughlin	Aug. 8,1963	7	15	52	44	•	D,S	rock 122;dark grey rock 137. Water at 135. Topsoil 2;gravel 12;clay streaks gravel 63;hardban 70;sand hardban 108;grey rock 135;brown rock 148. Water from 108 t
g CT g CT			91 96	F. Brunskill E. Thomas	J.L.Graham	Jul.15,1963 Jun.10,1960	5 14	8 10	60 40	30 19	:	D D	148. Dug well 17;grey hardban 42;light brown rock 71. Water at Brown sandy clay 7;brown clay small stones 13;boulders coagravel 20;clay boulders 85;hard backed sand 97;brown limestone 108;brown light grey limestone 135;light grey
cor		•	96	L. Robinson		Feb. 4,1963	5	8	100	34	•	D,S	limestone 156. Water from 135 to 156. Brown clay boulders 28; brown clay small stones 54; stony hardpan 70; hard packed sand 84; brown rock 113; grey rock 14 medium grey rock 163; light grey rock 218; white rock 219.
g ct g ct			98 99	Bruder Bros. M. Medlensky	G.L. Davidson E.McLaughlin & Sons	Nov. 6,1962 Oct.18,1961	4 6 <del>1</del>	10 20	40 95	35 22	:	D,S D	Water at 219. Gravel 88;hardpan 98;sand gravel 108. Water at 108. Topsoil 1;red clay stones 15;blue clay 22;blue clay large boulders 26;blue clay 52;hardpan 82;hard brown limestone 1
g ct		Ħ	100	N. Zettle	G.L. Devidson	Jun.16,1963	5	10	55	25		D	Water from 82 to 113. Topsoil 1; fine sand gravel 38; grey hardnen gravel seems 83 coarse gravel 85. Water at 85.

	WATERLOO COUNT													
	GCT GCT		t 10		dinal	E.McLaughlin & Sons	May 17,1960	€	18	88	65	Fresh	D,S	Topsoil 1; clay hardpan 74; hardpan 89; blue hard shale 125; White soft limestone 160; hard limestone 171. Water at 95 and
	G CT		10	Ont.Fu			Oct. 8,1960	7	18	45	35	•	С	165. Topsoil 1;gravel 15;cley 80;herdpan 115;sand gravel 118; gravel 119. Water at 119.
	GCT	*	10			L.C. Shantz	Jun. 1,1962	5	15	67	30	•	D, C	Sandy clay 8; clay boulders 21; clay gravel 118; cemented gravel 132; gravel clay 143; grey limestone 159. Water from 149 to 159.
	G CT G CT		10 10		ms 11Farms	Banes DrillingCo International Water Supply Ltd	Nov.26,1963 Jan. 6,1960	30 2	10 5	13 48	12 28		D T 1-60	Sandy clay 6; coarse brown sand 14; grey clay 162. Water at 13. Gravel boulders sand 22; sandy blue clay 62; packed gravel sand
	g CT		10		m Farm	•	Jan.26,1960	7					T 1A-60	Gravel boulders sand 22; sandy blue clay 62; packed gravel sand
va	G CT		10	3	•	•	Mar.13,1961	10	285	98	57	Fresh	In	Topsoil 1;hardpan 7;rough gravel sand 15;stones gravel clay 40;hardpan 92;coarse sand fine gravel 95;clay hardpan 122; gravel shale 127;shale 131. Water at 122 and 130.
389	GCT		* 10	Hopewe Farms	ll Co.Ltd.	•	Feb. 4,1963						T 1-63	Topsoil 1; dirty gravel clay 5; gravel sand 12; grey clay gravel
	g cr		• 10	9	•	*	Feb. 7,1963						т 2-63	Topsoil 1; sand 6; sand gravel 16; clay gravel hard packed 39;
	G CT		10	8	•	•	Peb.13,1963	2	25		18	Fresh	т 3-63	Topsil 1;dirty sand 3;sand 18;sandy clay gravel 49;hard clay gravel cemented streaks 70;cemented gravel chay 97;hard clay gravel 97;cemented gravel clay soft streaks 110;rock 111 Water at 97.
	GCT		<b>1</b> 0	N. Ded	els	R.I.McLaughlin	Mer. 7,1961	6 <del>1</del>	16	55	50	•	D,S	Topsoil 2; clay sand 15; hardban 63; clay 65; hardban 74; gravel 75. Water at 74.
	G CT		11	G. Det	weiler	E.McLaughlin & Sons	Oct. 1,1960	6	17	65	35	•	D,S	Topsoil 3;gravel hardpan 35;clay hardpan 68;sand gravel 73; gravel 74; Water at 74.
	G CT		* 11	McLean	-Peister Ltd.		Aug.24,1962	8	100	62	14		Ir	Topsoil 2; clay boulders 12; clay gravel 46; silty clay 110; sand gravel 114. Water from 110 to 114.
	G CT		11	Swift	Airways	E.McLaughlin & Sons	Aug. 3,1960	6	18	55	25	•	С	Topsoil 1;gravel 35;hardoan 40;gravel 42;hardoan boulders 65; sand gravel 68;gravel 71. Water at 71.
	GCT		• 11		op Ving Co	Had coWellDigging	Jan.28,1961	30	50	25	16	•	D, C	Topsoil 1; stone boulders 18; fine gravel 25. Water at 18.
	GCT		11	G. Tsc	hirhert	R.I.McLaughlin	Apr. 6,1962	5	12	55	50	•	D	Topsoil 1; sand 15; clay 35; hardpan 47; clay 131; hardpan 142; gravel 144. Water at 142.
	g CT		11	H. DeV	ries	•	Aug.10,1962	6 <del>1</del>	16	37	30		D	Topsoil 2;gravel 3;send 9;stony hardpan 31;hardpan 63;clay 81;hardpan 102;gravel 104. Water at 102.
	G CT		11	4 I.E. H	owe	L.C. Shantz	Mar.20,1963	5	15	8	Flow	-	D	Topsoil 1; gravel clay 8; clay 22; clay gravel 71; grey rock 72.
	GCT		11	H. Bat	tler	R.I. McLaughlin	Mar.22,1963	7	18	58 <del>1</del>	401		D	Water from 71 to 72. Topsoil 2;gr-vel 24;quicksand 29;loose hardpan 96;gravel 101. Water at 96.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

1	LOCATIO	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TRVET.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO													
Waterlo GCT			ont. 114	R. Reinhart	L.C. Shantz	Apr. 6,1963	5	12	60	35	Fresh	D	Topsoil 1;gravel clay 32; clay 55; clay gravel 101; gravel 102.
G CT			114	J. Habermehl		Apr.15,1963	5	60		Flows		D	Water from 101 to 105. Topsoil 1;gravel clay 8; clay 25; silty sandy clay gravel 41;
GCT		*	114	J. Rickert	Banes Drilling Co.	Aug. 7,1963	30	3	20	20		D	clay gravel 61;gravel. Water at 61.  Brown sandy clay 10;grey hard clay 32;grey fine sand 35.
GCT			114	R. Zelbr	W. Packham	Oct.15,1963	6	10	100	35	•	ם	Water at 32.  Dug well 25; stony clay 60; clay gravel 95; send 100; sand fine
GCT			114	R.J. Hawthorn	L.C. Shantz	Oct.18,1963	5	10	36	34		D	gravel 104; coarser gravel 105. Water at 105. Topsoil 1:clay 63:clay gravel 115; grey rock 125. Water from
GCT			115	L. Shentz	HadcoWellDigging	Oct.26,1960	-	3	15	10	: <b>m</b> :	D	115 to 125. Topsoil 1;gravel 3;sand 7;brown clay 8;gravel large rocks 10;
GCT			115		R.I. McLaughlin	Jun.12,1961	8	150		32		P	grey clay 17. Water at 10. Dug well 12: clay 25; hardban stones 68; gravel hardban 77; sand
.)=					n.i. MCDaugniin	10. WHEREALTH 121.		1111	80	60		In	streaks clay PZ; gravel 85. Water at 82.
GCT		_	115	Kitchener Waste Cil		Jun.26,1961	6 <del>1</del>	30	80	60		ın	Topsoil 2; send 10; hardpen 49; cley 51; gravel 73; send 85; hardpan 90; gravel 115; rock 152. Water at 73 and 118.
GCT		*	115	Services K. Sutherland	L.C. Shantz	Sep.27,1961	5	9	55	33		ם	Dug well 14; brown clay boulders 65; brown clay gravel 74;
GCT			115	R. Prange	R.I.McLaughlin	Aug.16,1962	6 <del>1</del>	19	44	35		מ	cemented gravel 76;dirty gravel 82. Water from 76 to 82. Topsoil 2; clay stones 15; stones 65; hardoan 84; cemented gravel
GCT		-	116	J. Cybalski	C.&H. Kerr	Aug.28,1963	5	15	80	74		D	88; gravel 90. Water at 88. Dry gravel 12; brown clay boulders 48; hardban 100; fine gravel
GCT			116	Library	R.I.McLaughlin	Oct.18,1963	5	15	94	83		P	106. Water from 100 to 106. Topsoil 1:hardpan boulders 42; clay 63; hardpan 95; gravel 99.
GCT			116	Waterdoo County J. Strenzke		Dec.23,1963	5	5	83	25		D,S	Water at 99. Soil 2:grayel 32:clay hardman 83:hardman 85:grayel 86. Water
GCT				S. Jenkins	E.McLaughlin &	Peb. 1,1960		15	190	_		D	at 86.  Bendy fill 41:topsoil 7:fine sand clay mixed 54:blue clay 87;
					Sons		`*		-,-			_	hardpan 115; coarse sand clay 123; blue clay 145; hardpan 169; layers sand clay 175; hardpan 215; quicksand 225; gravel 228.
GCT			118	W Amade		Oct.14,1960	5	15	194	179		a l	Water from 225 to 228.
GCI			110	W. Arndt	2002	000,14,1900	,	15	194	179		"	Brown clay stones 8; send clay 46; blue clay 118; send clay 125; hardpan 172; send clay 181; hardpan 226; coarse send 230; fine
G CT		×	119	R. Denyer	R.I.McLaughlin	Sep. 5,1963	5	14	156	148		D,S	gravel 233. Water from 226 to 233. Sen'y loam 4; clay sand 80; hardpan 156; clay 177; hardpan 185;
GCT			120	Kitchener	International	Mar.15,1961	5					T	gravel 187. Water at 185. Brown sandy clay 3; gravel sand boulders 35; sandy clay 38; blue
				Water Comm	Water Supply Ltd.							9-61	hard clay 82; sandy clay 85; sandy clay gravel boulders 91; sandy clay gravel streaks hard backed 118; blue clay 127; sandy
													cley gravel streaks hard packed 149; sendy clay red blue gravel 158; sandy clay gravel hard backed 168; rock 169.
CCT		*	120	F. Eby	McLaughlin Well Drilling	Nov.10,1961	5	18	130	125	Fresh	D,S	Topsoil ligravel 21; sand 46; hardban clay 175; gravel 177. Water from 175 to 177.
G CT			120	P. Spaetzel	R.McLaughlin	Sep. 6,1963	5	14	237	231	•	מ	Loam 23; clay 58; herdpen 105; stone 106; clay 141; sand clay 193; herdpen big stones 246; bluish rock 261. Water from 246 to 261
g CT			122	Concrete Pipe	L.C. Schantz	Apr. 7,1960	5	12	61	44	•	In	Dug well 20; clay gravel 126; gray rock shale 146. Water from 140 to 146.
GCT		*	122	Ltd. M.Gartenberg	E.McLaughlin &	Apr.11,1960	6	30	75	60		c	Send 2; grey clay 48; hardoon 25; red clay 104; hardoon boulders
g CT g CT			122 122	W. Mikoliazhk W.Querenques- ser	J. Moore	Jul.26,1960 Apr. 5,1961		20 2	40	38 7	:	D D	132; duicksand clay 139; gravel 141. Water at 141. Sand 65; harddan 68; sand gravel 71. Water at 71. Topsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.

1	WATERLOC CCUHT						-				i	ï	
	GCT		122	H.L.Paetz	J. Moore	Apr.19,1961	30	2		7	Fresh	D	Topsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
	GCT		122	L. Kauffeldt		Apr.27,1961	30	2		7	•	D	Topsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
	GCT	n	122	P. Miller		May 8, 1961	30	2		7	•	D	Topsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
	G CT	*	122	D. Hoffman	*	May 18,1961	30	2		7	*	D	Topsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
	CCT	*	122	W. Sandhack	*	May 30,1961	30	2		7		D	Topsoil 1; coarse send 6; coarse gravel 9; blue clay 15. Water at 7.
	GCT	**	122	E. Eastwood	*	Jun. 9,1941	30	2		7	•	D	Topsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
	GCT	*	122	C. Laing	n-	Jun.15,1961	30	2	100	7	*	D	Topsoil 1; coarce sand 6; coarse gravel 9; blue clay 15. Water at 7.
	G CT G CT	**	122 122		N 10	Aug. 1,1961 Aug. 9,1961	30 30	3	7	?	"	D	Brown clay 13; charse gravel 15. Water at 13.  Medium sand 5; brown clay 20; charse gravel 22. Water at 20.
	GCT	**	122			Aug. 18, 1961	30	3 3	51	5 3 5		D	Coarse sand 6; coarse gravel 12. Water at 8.
	GCT	**	122		п	Aug. 24, 1961	30	3	51 7 5	5	**	Ď	Medium sand 5:blue clay 14:coarse gravel 16. Water et 14.
	GCT	19	122		**	Aug.30,1961	30	3	2	5	**	D	Medium sand 5; blue clay 14; coarse gravel 17. Water at 15.
	GCT	**	122			Sep. 2,1961	30	333	6	5	**	D	Coorse sand 5: coorse provel 16. Water at P.
	GCT	11	122		**	Sep.10,1961	30	ર્વ	10	Q		D	Medium sand 5; blue clay 17; charse gravel 10. Water at 7.
	GCT	10"	122		#	Sep.15,1961	30	3	10	9		Ď	Medium send 5; blue clay 17; coarse gravel 19. Water at 17.
	GCT	**	122		L.C.Shantz	May 1,1962	7	20	40	38	"	In	Topsoil 2; dirty gravel 57; clay gravel 102; grey limestane 109. Water from 102 to 109.
391	G CT	н	122	S. Hehn	McLaughlin Well Drilling	Nov. 3,1962	7	15	72	67	**	D	Topsoil 1;sand gravel 30;hardpan 72;clay 124;brown rock 146. Water from 124 to 146.
	GCT		122	McKinley Trans. Co.	L.C. Shantz	May 23,1963	5	10	63	54	н	D,C	Topsoil 1; sand gravel 40; cemente? gravel 50; clay gravel 65; cemented gravel 71; clay gravel 100; sand gravel 106; solay coarse gravel 119; gray limestone 127, Water at 125.
	GCT	**	123	Kitchener Stock Yards Co.Ltd.	R.I.McLaughlin	Jul. 4,1963	7	18	96	90	*	S,P	Topsoil 2; sand 21; blue clay 78; sand clay 83; hardpan 164; gravel 166. Water at 164.
	G CT		123		C.& H. Kerr	Nov.18,1960	7	32	68	40	*	P	Stony clay 16; gravel clay 40; brown clay 48; hardpan stones 96; black shale 99; flaky grey limestone 138. Water at 135.
	G CT	**	123	Cadillac Motel	L.C. Shantz	Feb, 9,1962	5	15	62	36	м	P	Clay 43; clay gravel 74; silty sandy clay gravel 89; grey rock 94; Water from 92 to 94.
	GCT	*	123	L. Bickle	R.I. McLaughlin	Jun.17,1963	7	15	72	55		D,S	Topsoil 1; coarse gravel boulders 20; hardpan gravel 57; hardpan 75; cemented gravel 78. Water at 75.
	GCT	**	125	L. Grigg	AcmeWellDrillers	Oct.30,1962	4	20	72	72	*	P	Topsoil 6; small boulders 26; sand 51; clay 76; coarse gravel 114 Water at 114.
	G CT	*	125	Corp.City of Kitchener	R.I.Mclaughlin	Jul.31,1963	7	40	4	2		P	Soil stones 15; clay 30; hardpan 55; gravel 58. Water at 55.
	GCT	*	134	W. Kruse	E.McLaughlin & Sons	Jul.26,1961	6	50	140	110	**	D	Topsoil 1; clay 4; hardpan 28; clay 69; hardpan 94; send 118; quicksand 152; gravel sand 172; gravel 175. Water from 172 to 175.
	G CT	10	136	S. Goettling	*	Feb. 7,1961	5	18	133	118		D,S	Topsoil 1; clay sand small stones 25; fine sand clay mixture 69; medium sandclay mixture 130; fine sand 155; coarse sand 173. Water from 130 to 173.
	G CT	*	138	Kitchener Water Comm.	International Water Supply Ltd	Dec.16,1960	2			88	**	T 16-60	Brown clay small boulders sand 14; grey clay sandy gravel streaks 20; sandy clay 38; fine sand clay 58; brown grey clay sand gravel streaks 67; coarse gravel boulders sand 164; white clay streaked blue sandy clay 192.

	LOCA	TION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING		STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	.00 001 100 Tr	ир			Kitchener Water Comm.	International Water Supply Ltd.	Jan.20,1961	2	N		52	Fresh	т 1-61	Brown clay sand 6; blue clay gravel 22; coarse gravel boulders sand 44; cenented sand gravel 45; brown blue clay gravel 48; blue clay 48; coarse gravel boulders and 96; nacked coarse gravel boulders 106; sand brown clay blue brown clay 121; sandy
G CT		,	1	38			Dec.18,1962	26	1050	99	94		т	blue clay gravel 124. Topsoil 1; brown clay 17; clay sand gravel 21; fine sand 3h; silty sand 66; sand gravel clay 76; sand gravel 80; coarse
g ct		1	1	47	J.H.Sallan Estate	E.McLaughlin & Sons	Sep. 5,1962	5	12	140	80		ם	gravel sand boulders 162; hard brown clay 164. Water at 80. Dug well 46; gravel stones 60; hardban 72; quicksand 80; clay 147; hardban 192; clay layers sand gravel 19; hardban 202;
G CT			1	47	C. Trussler	L.C. Shantz	Sep. 4,1963	7	15	72	55		D,S	gravel 205. Water at 205. Topsoil 1;gravel 11;clay 27;gravel clay 92;sand gravel 130.
g CT		,	1	50	W.I.Trussler	E.Mc <sup>L</sup> aughlin & Sons	Jun.23,1962	5	20	75	63	•	D,S	Water from 92 to 130. Topsoil 1; small stones brown clay sand 6; blue clay fine sand 32; fine gravel clay mix 53; cemented gravel 87; coarse sand fine gravel layers 103; coarse sand stones 135. Water from 87
GCT			1	53	N. Ludolph		Nov.25,1960	6	12	82	751		D	to 135. Topsoil 1; clay small stones 8; fine sand clay 71; hardpan 95;
GCT		1	1	53	A. Ludolph	R.I.McLeughlin	Mar.28,1963	5	7	210	90		D,S	fine gravel 98. Water from 95 to 98. Topsoil 1; sand 96; clay 190; sand clay 213; sand 256. Water at
G CT			1	58	D. Jukes		Jul.18,1961	6월	18	105	92		D	248. Topsoil 1; clay 12; clay sand 60; sand 67; gravel 98; sand gravel
G CT			1	60	G. Becker	E.Mc-aughlin &	Nov. 2,1961	7	25	118	104		D,S	112; hardban 115; gravel 117. Water at 115. Topsoil 1; clay 12; hardban 62; sand gravel 104; charse sand 115;
G CT			1	60		Sons L.C. Shantz	Nov.16,1963	7	12	65	60		D,S	clean gravel 120. Water from 104 to 120. Well pit 6; sandy clay 40; clay gravel 63; sand clay 80; silty
HТ					H. Bietz	R.I. McLaughlin	Oct. 2,1961	5	15	34	32		D,S	sendy clay 125;clay 147;gravel 155. Water from 142 to 155. Gravel 5;clay 15;hardoan 32;clay 41;har*oan 84;cemented gravel 98;hardoan 101;big stone 105;clay hardoan 122;hard
JWT		a	5		B. Yantz	H	Aug.15,1963	5	15	58	52		מ	blue rock 144. Water at 124. Topsoil 3; sand gravel 31; hardpan gravel 53; hardpan 60;
JWT JWT			8		H. Duncan C.V. Stone	HadcoWellDigging J. Moore	Sep.13,1960 Jul.29,1963		10 10	23 14	21 <del>1</del> 10		D D	quicksand 74; hardpan 117; gravel 120. Water at 120. Topsoil 2; gravel 6; sand 10; gravel boulders 24. Water at 22. Fine gravel 10; coarse gravel 21. Water at 10.
ES C	sley o Con A Con A		t 5		M. Martin I. Martin	HadcoWellDigging R.I. McLaughlin	Sep. 4,1963 May 8,1963	30 5	2 15	35 180	28½ 70	Fresh	D D,S	Topsoil 1; brown sand 40; clay. Water at 30. Topsoil 3; grey clay 90; fine sand 120; blue clay 200; sand clay 240; coarse sand 260. Water at 240.
ES C	on A	3	7		I.E. Mertin	HadcoWellDigging	Jan. 7,1961	30	50	44	32	*	D,S	Topsoil 1; brown clay 20; blue haraban 22; boulders 24; blue
	Con A Con A	i i	7	0	J. Rejfski M. Bruder	J. Moore E.McLaughlin & Sons	Oct. 8,1963 Jul. 5,1960		5 25	40 60	30 25		S P	hardpan 32; brown fine sand 45. Water at 32. Brown clay 30; fine sand 44; blue clay 45. Water at 32. Sand gravel 3; clay 35; quicksand 94; hardpan sand 100; hardpan 115; sand 120; gravel 122. Water at 120.
	Con A Con A	,	1	1	K. Deckert E. Brauniesen	J. Moore R.I.McLaughlin	Mar.22,1962 Apr.29,1963	30 5	2 19	30 61	25 56	:	D D,S	Coerse sand 30;quicksand 38. Water et 30. Tousoil 2;cley 25;hardban sand 74;cley 90;sand 115;hardban 150;gravel sand 160;hardban 249;sand hardban 286;gray rock
ES (	on II	,	1	1	W.E. Neeb	E.McLaughlin & Sons	Jan.27,1961	6	25	45	33	**	D,S	291. Water at 288. Topsoil 1;small stones clay 6;gravel 9;large boulders 11; blue clay 49;hardoan 125;quicksand 179;medium sand 190;coarse
ES C	on IV	,	3		G. Heubach	AcmeWellDrillers	May 16,1963	4	6	135	95	•	ם	gravel 195. Water from 125 to 195. Topsoil 4; sand gravel 35; blue clay 90; dork blue clay quicksand 210; sand gravel 275; blue shale 280; fine gravel 290. Water at 275.

			OOUNT!												
			ley Twp	lot	10	N. Quehl	C.& H. Kerr	Jul. 4,1960	6	10	80	3	Fresh	D,S	Clay 20; marl 21; clay 50; hardon 102; fine gravel 130. Water at
	ES	Cor	n V		3	J. Siopioloz	•	Apr.22,1961	4	15	160	140	•	D,S	27. Clay 22; send 98; sendy clay 120; silty send 142; sendy clay 228; send 230; blue clay 272; send clay streaks 320; shale 328; harden 340; blue shale 360. Water from 350 to 360.
	ES ES	Cor	n V n V	*	6 7	F. Harpe E. Betker	J. Moore Steinman & Baird	Mar.26,1962 Aug.18,1962	30 4	40 15	2 156	38 142	**	D,S	Topsoil 2; sand 52; Water et 38. Brown clay 27; hardpan 54; gravel 62; sand 64; gritty hardpan 111; fine sand 166; brown clay 219; brown hardpan 293; brown grey
	ES	Cor	n V	н	8	R. Streuss	C. & H. Kerr	Jul.12,1961	5	15	70	60		D	clay 334; clay shale 344; brown limestone 346. Water at 346. Brown clay 31; gravel 80; clay gravel 117; fine gravel 121.
	ES	Cor	v n	n	10	Seyler Bros.	*	Oct.25,1961	4	15	90	80	•	D	Water from 117 to 121. Clay 80; sand 81; clay 112; silty clay 132; sand clay boulders 208; silty clay 271; limestone 204. Water at 282.
	ES	Cor	n V	Ħ	12	D. Brenneman	Steinman & Baird	Jun.18,1963	4	16	135	111	*	D,S	Clay 21; fine sand 43; grey clay 88; hardpan 104; clay 117; hardpan 132; clay 144; dirty gravel 145; hardpan 279; clay 273; clay brown shale 281. Water from 277 to 281.
	ES	Cor	n VI	Ħ	1	W. Hiempel	R.I. McLaughlin	Feb. 7,1961	5	18	70	49	*	D,S	Tops-il 1; clay 25; suicksand 41; clay 62; quicksand 134; hardpan 150; sand clay 200; hardpan 210; sand 225. Water at 210.
	ES	Co:	n VI	M	3	J. Doerbecker	HadcoWellDigging	May 25,1962	30	2	35	24	•	D	Topsoil 1; brown hardpan 14; blue grey clay 19; blue fine sand 24; grey clay 26; blue and 30; blue clay 36. Water at 19 and 26
	ES	Cor	ı VI	**	4	N. Hergott	McLaughlin Well Drilling	May 3,1963	7	12	165	120		D,S	Topsoil 3; shallow layers hardorn clay sand 65; fine sand 235; blue clay 350; gravel 360; hardorn 365; soft blue shale 380. Water at 3, 65, 200 and from 375 to 380.
	ES	Cor	n VII	**	1	G. Dietrich	R.I. McLaughlin	Dec. 6,1963	5	20	43	28		D	Topsoil 2; clay 21; quicksand 24; red clay 76; hardpan 84; sand 96; Water at 84.
393	ES	Cor	n VII		2	R. Voison	E.McLaughlin & Sons	Apr.13,1961	7	12	110	15	н	D	Topsoil 1; smell stones sendy clay 4; clay fine sand 18; autoksand 25; hardben 38; blue clay 59; sand clay 65; autoksand 74; sand clay 89; blue clay 116; hardban 142; fine gravel 148; sand clay 183; Water from 142 to 148.
	ES.	Cor	n VII	#	2	•	•	Apr.27,1960	7	12	125	16	*	D	Topsoil 1; clay 20; sand clay 42; clay 85; hardban 140; gravel layers clay 150; gravel 155. Water at 155.
	ES	Cor	n VII	n	3	Hergott Specialty Ltd	J. Smuder	Sep.27,1960	7	22	154	45	*	In	Topsoil fill 4; grey clay 40; sandy clay 44; brown clay stones 75; blue clay stones 105; sandy clay 117; brown sand 121; stony blue clay 175; grey clay 254; grey shale 284; soild brown rock 300; soapstone 325; brittle limestone 331; soapstone 363; brown blue rock 364. Water at 363.
			n VII n VII	10	9	L. Meyer J. Murus	J. Moore R.I. McLaughlin	Jul. 3,1963 Jun.17,1963	30 5	3 19	25 145	25 141	**	D D,S	Clay 15; sand 25; coerse send 35. Water at 25. Old well 8;gravel 25; send 57; send clay 90; herdpan 125; quicksend 165; herdpan 240; herdpan stones 260; herdpan 318; quicksend 220; herdpan 365; gravel 367. Water at 367.
	ES	Cor	VIII	99		C. Kuntz J. Reitzel	HadcoWellDigging J. Moore	Apr.15,1963	30 30 6	2	42 38	8 40		D D	Topsoil 2; brown clay 2; brown sand 19. Water st 12. Topsoil 1; sand 47%. Water at 40.
			n VIII		3	F. Straus	R.I. McLaughlin	Oct.16,1961	6	22	-	29	•	D	Sand 15; layers sand clay 72; hardpan 84; gravel 86. Water at 84.
			n VIII		7	E. Lorentz	*	Feb. 7,1963	5	22	52	47	-	D,S	Topsoil 1; clay 15; sand clay 85; hardpan 114; clay 150; hardpan 191; clay 223; grey rock 244. Water from 225 to 244.
			n VIII		10	C. Zawadzki	E.M. McLaughlin & Sons	Dec.28,1960	5	22	180	151		D,S	Topsoil 1; clay 46; sand 181. Water at 151.
			ı IX		1	E. Martin	R. Mc aughlin	Nov.29,1963	5	15	26	24	•	D,S	Sand clay streeks 25; quicksand 31; clay %6; clay sand 117; red clay 205; clay sand 207; hordban 215; gravel 217. Water at 217.
	ES	Cor	ı X		1	C.E. Martin	McLaughlin Well Drilling	Dec.14,1961	5	16	80	30	*	D,S	Topsoil 1; sand 5; quicksand 27; hardban 40; clay 56; hardban 168; sand gravel 184; gravel 185. Water from 168 to 185.
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<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	L	OCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	ING	STATIC LEVEL	WATED	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
We		COUNTY y Twp.		cont	G. Fries	HadcoWellDigging	Dec.13,1960	30	10	48	29	Fresh	D,S	Topsoil 1; brown coarse sand 4; brown clay 14; blue clay 24;
	S Con			4	J. Weins	J. Moore	Mar. 6,1963	30	4	20	14		D	hardpan 40; gravel sand 44; blue hardpan 49. Water at 4 and 40. Topsoil 2; brown clay 4; sand 25; fine sand 32. Water at 20.
E	S Con	X		6	N. Forwell	E.S. Martin	Oct. 7,1963		10	60	19		D,S	Brown clay 20; blue clay 98; quicksand 124; blue clay 142; hardpan 148; fine sand coarse sand 152. Water from 148 to 152.
E	s Con	X	10	6	A.S. Martin	,	0ct.21,1963	4	10	25	9	w	D,S	Brown clay 20; blue clay 142; herdoan 149; coerse sand 152. Water from 149 to 152.
E	S Con	XI	19	2	G. Haffner	C.&H. Kerr	Sep. 6,1960	5	15	70	50	*	D,S	Previously drilled 114; stony clay 156; shale 166; grey limestone
E	s Con	XI		6	D.S. Martin	E.S. Martin	Jun.1, 1963	4	13	50	33		s	224. Water at 220. Brown clay 20; blue clay 98; outcksand 104; blue clay 145;
E	S Con	XI	W	8	E.M. Martin	н	0ct.17,1963	3	13	60	35		D,S	hardpan 150; coarse sand 154. Water at 150, Brown clay 33; quicksand 35; blue clay 62; nuicksand 72; blue clay 210; shale 223; bluish grey rock 228. Water from 223 to 228.
E	s Con	XII	m	5	J. Wideman	E. McLaughlin & Sons	Mar.31,1960	6	20	60	35	*	D,S	Topsoil 1; clay 39; herdpan boulders 51; clay hardpan 85; hardpan boulders 93; hardpan clay 105; quicksand 124; fine
E	s Con	XIII	(10)	3	T.M. Hoover	E.S. Martin	Dec.23,1963	4	13	35	32	*	D,S	gravel 126. Water at 126. Brown clay 25;blue clay 48;hardoan 116;fine gravel coarse sand 118. Water from 116 to 118.
E	s Con	IIIX	*	5	G. Horst	R.I. McLaughlin	Mar.31,1963	5	12	98	85	*	D,S	Red clay 56; gravel 65; hardban 123; fine sand 124; red clay 164; clay stone 172; gravel 173; hardban 208; grey rock 215. Water at
E	s Con	XIII	*	7	A. Hoover	E,S. Martin	Sep.20,1963	4	13	26	25	*	S	208 and 215. Brown clay 18; blue clay 155; ouicksand 192; dark grey shale 208. Water at 208.
E	S Con	XIV	**	2	E.M. Martin		Nov.28,1963	4	10	85	59		D,S	Brown clay 12; stony hardpan 111; quicksand 114; hardpan 117;
E	S Con	XIV	*	5	s.s, # 5	R.I. McLaughlin	Sep.25,1961	61/2	15	56	45	*	P	fine brown sand 118. Water from 117 to 118. Topsoil 1;149 79;hardpan streaks quicksand 105;hardpan clay
E	s Con	XIY	**	7	N. Hoover	"	Oct.1,1963	5	15	99	86	**	D,S	160; gravel 162. Water at 160. Topsoil 1; hardpan clay 69; gravel 72; hardpan 136; clay 153;
E	s Con	ΧV	ж	6	G.M. McKay	E. McLaughlin & Sons	May 26,1960	6	18	80	75		s	hardpan 197; red clay 214; hardpan 216; gravel 217. Water at 216. Topsoil 1; clay stones 38; clay hardpan 101; hardpan boulders
W	s con	I	*	8	K. Green	R.I. McLaughlin	Nov.12,1963	5	15	86	75		D,S	124;grevel 126. Water from 124 to 126. Topsoil 3;send clay 27;blue clay 76;hardpan 116;grey clay 185; hardpan 208;grey rock 219. Water from 208 to 219.
W	s Con	II		9	M. Lichty	•	Feb.21,1962	5	15	92	80		D,S	Topsoil 1;sand 71;cley 156;hardpen 175;clay 190;hardpen 200; grevel 203. Water at 200.
W	s Con	II	**	9	H. Erb	*	Feb. 7,1963	7	12	157	92		D,S	Dug well 60; send 80; clay 130; send 140; clay 200; send 217.
W	s Con	III	*	2	M. Siegner	N. Steinman	Jan.14,1961	4	12	33	27	*	D,S	Water st 207. Brown clay 8; sticky blue clay 55; hardpan 97; dirty gravel 121;
W	s Con	III	**	7	J.A. Dewar	Steinman & Baird	Sep.21,1963	5	12	135	95	•	D,S	grey clay 136; sand 140; hardban 157; gravel 158. Water at 157. Brown clay 44; dirty fine sand 73; gray clay 118; hardban 1883;
W	s Con	III	*	8	J.G. Erb	"	Jun.14,1963	4	18	108	94	•	D,S	gravel 189. Water at 189. Old well 62; sendy gravel 65; hardpan 95; grey clay 157; gritty hardpan 165; hardpan 188; sand gravel 191. Water from 188 to
W	s Con	III		9	S.S. # 8	R.I. McLaughlin	Oct.18,1963	5	18	144	129	*	P	191. Topsoil 1; clay 88; sand clay 91; hardban 207; hardban boulders 254; hardban 284; sand 287; gravel hardban 317; gravel 321. Water
W	S Con	III	H	11	N. Roth	J. Sauder	May 10,1960	5	5	130	28	.#	D,S	at 318. Topsoil 2; yellow sand 61; blue clay 112; brown sand 114; blue clay 130; yellow sandy clay 140; fine gravel 140. Water from 112 to 114.
W	S Con	III		12	Cedar Grove Church	Steinman & Baird	Jul.24,1963	4	16	94	75	11	P	Brown clay 21; sandy clay sand 33; grey clay 97; hardman 163; grey clay fine sand 208; hardman 238; brown clay 249; gritty hardman 280; blue clay 288; blue shale brown limestone 300. Water from 294 to 300.

V			COUN				i I	ī		1 1		1			
	Wel] WS	Con	v Twp IV	lot		D. Kuepfer	G.L.Davidson	Mar. 2,1961	4	12	73	58	Fresh	D,S	Sand gravel 12; brown clay 62; sand 64; blue clay 98; sand 112, stony herdpen 152; sand 166; stony hardpen 174; soft brown rock
	WS	Con	IV	*	9	R. Hammer	Steinman & Baird	Sep.25,1963	7	15	44	36	I.	D,S	red yellow layers 214. Water from 186 to 214. Sandy clay 14;gravel 19;sand dirty gravel 45;grey clay 48
	WS	Con	IV		11	E. Steckley	E.McLaughlin *	Aug.15,1961	5	15	180	142	•	۵,8	gravel 49. Water at 49. Topsoil 1;clay 18;sand 26;quicksand 48;blue clay 128;hardoon boulders 254;fine sand gravel 266;gravel 268. Water from 254 to 268.
	WS	Con	IA	×	11	D.E. Gerber	HadcoWellDisging	Jul. 9,1962	30	2	17	10	*	S	Topsoil 1; brown sendy clay 7; brown send 10; brown sendy clay 11; brown send 20. Weter at 10 and 14.
	WS	Con	V		6	A. Lichty	Steinmen & Baird	Oct.19,1962	4	20	95	70	•	D,S	Sandy clay 35; butty hardonn 1°9; gritty hardonn 1 yers brown limestone 224; greyish brown limestone 242; blue shale 291; reddish brown limestone 294. Water from 290 to 294.
	WS	Con	VI	*	4	E. Albrecht	G.L.Davidson	Apr. 6,1961	4	11	65	52	•	D,S	Clay 10; send 18; hardoon sand proved 96; stony hardoon 106; hardoon 128; stony hardoon 198; coarse gravel 204. Water at 204.
	WS	Con	AI	*	6	J.L. Zehr	Steinwan & Baird	May 25,1963	4	14	65	60	•	D,S	Topsoil 2; grey clay 42; fine sand 46; grey clay 126; hardpan 180; sand grayel 191. Water from 184 to 191.
	WS	Con	AII		4	E. Wagler		Aug.?3,1962	5	20	37	32	•	D,S	Brown clay stones 38; sandy clay 70; coarse send 75. Water from 70 to 75.
<b>3</b> 9 <b>5</b>	WS	Con	VII		5	R. Gerber	J. Sauder	Mar.15,1962	5	17	123	117		D,S	Topsoil 3; yellow clay 28; quicksand 30; blue clay 60; stony brown clay 75; brown clay 110; quicksand 115; yellow sand stones 145; blue clay 185; stony coarse yellow sand 211; brown clay 225; sandy brown clay 261; fine yellow sand 263; brown clay 285; brown shale 296; brown solid rock 213*; brown rock 214*. Water
	WS	Con	VII	*	7	P.M. Potse	Steinman & Baird	Aug.23,1963	4	15	98	75	•	D,S	from 213% to 214%. Brown clay 12; prey clay 76; gritty hardpan 114; fine sand 136; grey clay 151; sand 177; clay 200; qritty hardpan 262; sandy gravel 270. Water at 270.
	WS	Con	AIII		5	S. Yantz	Banes Drilling Co.	Nov.20,1963	30	10	34	22	*	D,S	Brown clay 5;grey clay 10;brown sand 12;grey clay 30;grey slity sand 36. Water at 12 and 32.
	WS	Con	IIIV		11	J. Martin	G.L. Davidson	Apr. 3,1963	4	10	110	85	*	D,S	Clay 15; send 20; clay 66; send 78; hardpen 149; sandy gravel 165; hardpen 241; grey shale 248; brown rock 268. Water at 268.
	WS	Con	IX	*	11	E. Runstedler	J. Sauder	Feb.21,1960	5	15	46	41	•	D,S	Topsoil 3;yellow clay 60;hardpon 121;blue clay stones 120; blue clay 225;brown shale 234;snapstone rock 245;brown rock 246. Water at 245.
	WS	Con	x	*	3	C. Stever	G.L. Davidson	Jan.23,1961	4	7	97	88	•	D,S	Sandy clay 8; stony hardpan 22; clay 28; stony clay gravel 32; clay stones 62; sand 64; clay stones 198; brown shale 208; blue shale 220. Water at 220.
	WS	Con	X		6	A. Runstedler	•	Apr.21,1961	4	6	106	97		D,S	Stony cley 16; cley 56; send 62; hardban cley send 186; send 188; stony hardban 248; red shale 258; brown rock 274. Water at 274.
	WS	Con	XI	*	3	S. Lichty	E. Sauder	Apr. 1,1960	4	12	60	52	•	D,S	Dug well 22; grey clay stones 115; cemented grevel 130; sandy clay 200; fine sand 220; silty sand 240; hard blue rock 256; brown rock 263. Water from 256 to 263.
	WS	Con	XI	*	10	A. Lunz	*	Mar.18,1960	5	15	47	45	*	P	Topsoil 1; brown clay stones 101; cemented gravel 131; hardnen 200; sand silty clay 210; fine sand 222; hard blue rock 235; brown rock 240. Water from 235 to 240.
	WS	Con	XI	*	10	G. Runstadler	G.L.Davidson	Jul.12,1962	4	12	60	55	•	D	Blue clay 118; send 123; hardnen 1°7; send 205; blue rock 243.
	WS	Con	XI	•	11	C. Martin	•	May 3, 1963	3	12	94	67	•	D,S	Cley 35; sand 59; hardoon sand 140; sand gravel hardoon 230; shale soft rock 236; soft blue rock 244; soft brown rock 250; hard blue rock 265. Water at 265.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	N 1			OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	TRIC	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ATERLOO COUNTY									V X				
Wellesley Twp.	10	con	۲,	D. Gingrich	R.I.McLaughlin	Jun.25,1962	5	16	68	63	Fresh	D,S	Topsoil 2; clay 74; hardpan boulders 216; sand 220; gravel 221.
WS Con XIII		8		M. McKay		Aug. 3,1962	5	20	72	65		D,S	Water at 220. Topsoil 2; clay 15; quicksand 16; clay 58; hardpan 120; clay 126;
WS Con XIII		9		E.B. Bowmen	J. Sauder	Nov.10,1960	5	20	32	26		D,S	herdpan 139; clay 185; herdpan 225; gravel 228. Water at 225, Topsoil 3; brown clay 30; yellow clay 60; blue clay 112; soft blue clay 130; sitty clay 144; sandy clay 160; boulders 164; yellow clay 174; cerented sand 172; blue clay 230; shale 239; white limestone 240. Water at 240.
Wilmot Twp. BRN	10	t 2		Kitchener Water Comm.	International Water Supply Ltd.	Jan.27,1961	2	27	13	10	Fresh	T 2-61	Topsoil boulders 3; silty sand 49; gravel sand 53; sand gravel streaks fine sand 70; fine sand gravel 75; boulders coarse gravel sand 80; gravel sand 84; boulders gravel hard sand
BAN	*	2		*	*	Mar. 8,1961	2	37		22		8-61	packed 85; brown blue clay hard soft streeks 97. Water at 49% Sendy clay 7; coarse gravel boulders sand 10; clay 11; gravel send 17; coarse gravel sand 24; gravel send 34; coarse sand fine gravel streeks 80; hard blue clay 86; sandy blue white clay gravel hard packed 102; sandy clay 113; blue clay 114; sand clay streeks clay fine gravel 142; sandy clay gravel boulders very hard packed 159; cemented sand gravel 162. Water at 10.90.
BRN	n	3	1	G. Milne	HadcoWellDigging	Oct. 9,1962	30	2	29	24	m	D	Topsoil 1; brown sandy clay 15; blue clay 16; blue hardpan 18;
BRN	H	.5	1	M. Shantz	L.C. Shentz	Jun.12,1961	5	14	126	62	*	D,S	brown send 28; fine gravel 30. Weter at 24. Topsoil 6; silty sendy clay 101; clay 126; silty sendy clay 133
BRN		13	1	H. Hofstetter	HadcoWellDigging	Oct. 9,1962	271	3	25	16		s	send 137. Water from 133 to 137. Topsoil 6;brown cley 9;brown hardnan 14;blue clay 16;blue
BRN BRS	Ħ	19 3		K. Coxon Kitchener Water Comm.	C. & H. Kerr Intermetional Water Supply Ltd	Feb. 1,1960 Feb. 2,1961	6 2	15	20	13 36		D T 3-61	send 27. Water at 16. Clay 18; sand 19; clay 47; fine gravel 53. Water from 47 to 53. Topsoil 2; sand gravel boulders 11; sand brown clay 16; sand 23 brown sandy clay 62; sand 77; sand clay streaks 91; sand gravel 99; gravel sand boulders 111; cemented sand gravel boulders 111
BRS	ń	6		W.W. Schmidt	HadcoWellDigging	Feb.20,1962	30	2	37	33	w	D	brown clay 116; blue clay sandy hard gravel 139. Topsoil 1; brown clay 4; brown coarse sand 26; brown clay 27;
BRS	×	7		E. Hallman	L.C. Shentz	Jen.30,1963	7	15	134	107		D,S	brown sand 36; blue cley 37. Water at 33. Topsoil 1; sandy clay 18; clay grovel 35; clay 67; gravel clay 164; silty sandy clay 167; clay 249; silty sandy clay 253; clay
BRS BRS	**	10 21		P. Bechtel R.S. Roth	C.% H. Kerr H.A. Kerr	May 15,1963 Aug. 7,1961		22 15	84 40	59 22		D,S N	270; gravel send 273. Water from 270 to 273. Sand 30; gravel 80; coarse gravel 89. Water from 80 to 89. Clay 422; send 43; clay 62; silty sand 65; clay 120; blue soft rock 135. Water at 133.
BRS BRS	11	23 24		E. Bender W. Steckley	J. Moore C.& H. Kerr	Jul. 3,1962 Feb.23,1963		3 15	22½ 120	15 99	:	D D	Clay 32: Water at 32: Clay 114; send olay 122; coarse sand 152; hardban 178; grey limestone 195. Water at 195.
BRS	Ħ	24		H. Plummer	10	Jul.20,1963	42	15	59	54	*	D	Brown clay boulders 65; sand clay streaks 142; hardpan 148; white limestone 164. Water from 160 to 164.
BRS		88	1	W. Wagler		War.15,1963	41/2	15	42	26		D,S	Stony clay 30; sandy clay 76; hardnen sand streaks 95; sandy
BA Con I	**	1		Q. Bechtel	E.McLaughlin &	May 18,1960	6	35	42	80		s	clay 138;grey limestone 154. Water at 150. Topsoil 1;sand 6;harden 38;quicksand 65;harden 125;gravel
BA Con I BA Con I BA Con I	*			W. Shentz W. Barnes W. Schiedel	Sons C.& H. Kerr R.I.McLaughlin E. McLaughlin& Sons	Jen.31,1960 Feb.28,1963 May 24,1962	5	5 15 20	85 63 170	77 60 80	:	D D,S S	128. Water at 128. Cley 28;grovel 87. Water at 86. Tonsoil 1;sand gravel 68;grovel sand 81. Water at 69. Tonsoil 1;cley sand mixture 18;fine sand 45;blue clay 95; sand clay 13;blue clay 155;hindhan 165;medium coarse sand 176;coarse sind 186. Water from 126 to 186.

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WATERLOO COUNTY .		•									
BA Con I	ot 20 73 24	E.J. Holler S. Wagner R. Roth	C.&.H Kerr	May 6,1960 Apr.20,1960 Jun.11,1960	6 5 4 <del>1</del>	5 15 12	25 60 110	15 50 90	Fresh	D D,S D	Clay 15; clay gravel 29. Water at 27. Clay 28; hardban 78; coarse sand 90. Water at 88. Blue clay 20; sand 33; clay 88; silty sand 140; clay 168; stony
BA Con I	<b>2</b> 9	D. Lichty	N. Steingen	Jul. 6,1960	4	15	15	12		D	clay 195;grey rock 224. Water at 220. Dark clay 58;dirty sand 22;clay sand 143;limestone 144. Water at 144.
BA Con II	* 3	C. Becker	HadcoWellDigging	Jun. 9,1961	30	8	44	35		s	Topcoil 1; brown clay 2; fine brown sand 38; coarse sand 45. Water from 38 to 45.
BA Con II BA Con II	6 13	T. Hallman J. Stieman	C.& H. Kerr AcmeWellDrillers	Dec.27,1960 Mar.25,1963	5 <del>1</del>	15 6	90 30	40 30	:	D,S	Sand 22; clay 70; hardoen 109; coarse sand 114. Water at 112. Fill 4; gravel boulders 30; blue clay 90; sand 102; gravel 109. Water at 109.
BA Con II	55	R. Schiedel	Banes Drilling	Dec.13,1963	30	10	35	30	•	D,S	Sandy clay 3; clay 6; brown clay 10; brown fine sand 38. Water at 30.
BA Con II	* 24	L. Weeden	H.A. Kerr	Jun.20,1961	4	15	120	100		D,S	Blue clay 22; sandy clay 70; silty sand 1°5; blue clay 195; grey rock 228. Water at 127.
BA Con II	* 31	M.K. Roth	Had coWellDigging	May 11,1963	30	3	30	20		D	Topsoil 2; hard brown hardpan 10; blue clay gravel 38; hardpan rocks 50. Water at 12 and 47.
BA Con III	2	H. Stoltz	E. McLaughlin & Sons	Aug.20,1962	7	17	121	116		D,S	Topsoil 1; hard brown clay 3; fine coarse sand brown clay 27; soft blue clay 51; sand clay 55; hardonn 78; sand clay 111; hardpan 140; coarse sand fine gravel 142. Water from 140 to 142.
BA Con III BA Con III	7 9	C.V. Bock G. Shantz	HadcoWellDigging E. McLaughlin &	Jul.23,1962 Feb.25,1961	30	5 20	39 58	33 42	*	D,S	Topsoil 1; brown clay 18; blue clay 33; gravel 40. Water at 33. Topsoil 1; clay sand stones 9; clay sand 21; blue clay 48; hardpan
PA Con III	17	I. Shantz	Sons Steinman & Baird		4	20	23	Plows	*	D,S	86;medium gravel 29. Water from 96 to 89. Clay 28;clay stones 65;sandy clay 67;gritty hardpan 122; gritty brown clay 129;fine sand 129;gritty brown clay 152;
BA Con III BA Con IV BA Con IV	" 29 " 18 " 28	S.C.D. Martin C. Cressman J. Shearer	HadcoWellDigging R.I.McLaughlin Steinman & Baird	Feb. 9,1961 Feb.12,1963 Oct.25,1962	30 7	4 15 12	25 51 28	16 51 20	# #	D D,S D,S	grey clay 171; shale 172; brown limestone 173. Water at 173. Topsoil 1; blue clay 40; blue sand 48. Water from 40 to 48. Clay 43; hardoen 83; grevel 91. Water at 90. Stony gravel 30; gritty clay 52; hardoen 82; hardoen limestone 124; gravel clay 136; brown limestone 139. Water at 139.
BB Con I	<b>"</b> 2	Carmelitte Monastery	L.C. Shantz	Mar.21,1963	7	12	48	22		P	Well pit 6; blue clay 35; clay coarse grevel 38; sandy clay 45; clay 100; sandy clay gravel 140; gravel clay sand 145; sand
BB Con I	• 5	C. Fritz	R.I.McLaughlin	Sep.11,1963	7	15	208	198		D,S	gravel 151, Water from 145 to 151.  Brown topsoil 10;sandy clay 215;brown sand 260;blue clay hardban 455;grey sand 460;grey limestone 550. Water from 543
BB Con I	* 6	F. Renuse	AcmeWell Drillers	Peb.15,1963	4	10	180	180	٠	D,S	to 550.  Dug well 61; send 155; pulc'send 158; blue clay 205; sand clay 220; herd blue clay 255; sand gravel 282; send fine gravel 324;
BB Con I	• 9	J.Henhoeffer	HadcoWellDigging	Aug. 3,1961	30	10	25	17		D,S	brown clay 344; blue rock 348. Water et 342. Topsoil 1; brown send 6; brown clay 8; brown send 26. Water from
BB Con I	12	V. Grzyb	•	Aug.23,1961	30	10	39	34	*	D,S	8 to 14. Topsoil 1; brown clay 14; blue clay 32; blue sand 40. Water at
BB Con I	20	M. Jantzi	R.I.McLaughlin	Mar.13,1962	5	15	95	70		D,S	34. Topsoil ligravel 58;hardpan boulders 181;clay 201;rock 237.
BB Con II	<b>"</b> 1	Fairyland Farms	•	Jul. 5,1963	5	15	41	30	•	D,S	Water at 205. Topsoil 2; clay 32; sand clay 89; blue clay 108; hardman 250; sand 253; hardman 280; grayel 287. Water from 280 to 287.
BB Con II	* 3	R. Musselman	E. McLaughlin & Sons	Jul.18,1960	5	20	80	62	•	D,S	Topsoil 1; sand 16; hardpan 47; clay 90; fine oulcksand 132; coarse quicksand 143. Water from 132 to 143.
BB Con II	• 5	P.Dietrich	R.I. McLaughlin	Aug.21,1961	5	15	81	72	•	D,S	Topsoil 1; sand 35; quicksand 40; clay 156; sand 194. Water at 180.
BB Con II	<b>1</b> 6	W. Koch	*	Jan.12,1963	7	36	22	16	*	D,S	Topsoil 1; grey clay 50; fine gravel 54; brown clay stones 100; hardnen boulders 145; grey limestone 162. Water at 160.
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1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	ING	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ATERLOO COUNT Wellwsley Two BB Con III	· -	cont	C. MacDoneld	Steinman & Baird	Aug. 5,1963	4	5 <del>1</del>	82	35	Fresh	P	Grey clay 91;gritty hardban 98;grey gritty clay 135;grey
BB Con III BB Con III		2 13	E. Stabler R. Gerber	J. Moore E.McLaughlin & Sons	Nov.14,1963 Jan. 5,1961	30 5	5 25	14 33	7 24		D D,S	limestone 156. Water at 155. Fine sand 15; blue clay sand 20; blue clay 244. Water at 7. Topsoil 1; brown clay small stones 18; blue clay 121; hardpan 155; cemented gravel 177; hardpan 201; coarse sand 220; medium
BB Con III		13	A. Koehler		Apr. 8,1961	5	30	74	68		D,S	grvel 223. Water from 201 to 223. Topsoil 1;clay 60;hardpan 220;sand stones silt 228\$hardpan 260;gravel 264. Water at 260 and 264.
BB Con IV		18	F. Tutt	Had coWellDigging	Apr.22,1961	30	4	25	18	•	ם	Topsoil 1;brown cley 7;grey clay 12;blue hardoen 20;gravel 23;blue hardoen 25. Water at 20.
NER	*	1	M.Walinschek	E. McLaughlin & Sons	Nov.17,1960	5	18	145	125	*	D,S	Clay 12; sand 45; clay sand 78; sand 105; hardpan 149; quicksand 153; hardpan 190; hardpan sand 204; sand 215. Water at 204.
NER	*	3	W. Boy	Had coWellDigging	Jun.21,1961	30	5	53	44		D	Topsoil 1; fine brown sand 43; brown clay 44; coarse sand 55. Water from 44 to 55.
NER		3	K. Doubleday		Apr.28,1962	30	8	29	20	•	D	Topsoil 1; brown clay 14; blue clay 20; blue sand 23; blue cla; 30. Water at 20.
NER	•	4	T. Dietrich	E.McLaughlin & Sons	Oct.24,1963	7	20	148	133		D,S	Topsoil 1; brown clay sand 33; blue clay 48; fine sand clay 5; blue clay 75; medium coarse sand clay 85; blue clay 150; clay sand 160; medium sand 170; coarse sand 182; coarse sand stone; 197; Water from 160 to 197.
NER NER	"	5	B. Scott H.L. Stoesser	HadcoWellDigging E.McLaughlin & Sons	Oct.26,1960 Jun.22,1963		3 12	150	32 125	:	D D,S	Topsoil 1; brown clay 24; fine sand 40. Water at 25. Topsoil 1; brown clay small stones 29; coarse sand fine grav clay 78; medium fine sand 115; blue clay 130; fine very coars
NEB	*	7	C.Schwartzen- truber	•	Jun.14,1961	8	540	148	127	•	Ρ.	sand 170. Water from 130 to 170. Topsoil 1;clay 5;gravel 6;hartpan clay 42;sand 95;clay boulders 98;sand 116;fine quicksand 145;coarse quicksand 1 gravel 172. Water at 158 and 170.
ner	W	17	A. Lantz	-	Dec. 3,1960	5	24	32	25	*	D,S	Topsoil 1; clay 46; hardpan 86; clay 100; sand hardpan 120; limestone 130. Water at 120.
NER	*	18	G. Maurer	R.I. McLaughlin	Sep. 9,1961	5	16	34}	25		D,S	Fill 9; clay 77; gravel 83; hardban 112; boulder 114; hardban 1 grey limestone 168. Water at 144.
SER		3	W. Herrle	C.& H. Kerr	Apr. 1,1963	7	15	105	104		D,S	Brown clay 70; stony clay 115; medium fine sand 119. Water f
SER		5	C. Montag	HadcoWellDigging	Mey 30,1961	30	8	39	32	•	S	Topsoll 1; brown clay 14; sand 32; gravel 32; sand 40. Water at 32;
SER		5	C.& M.Monteg	E.McLaughlin & Sons	Mar.31,1962	7	20	150	125		D,S	Small stones clay sand fill 45; blue clay 103; fine sand 155 cemented gravel 175; sand fine gravel mix 193; medium gravel 196. Water from 175 to 196.
SER	*	6	W. Dietrich	•	Jul.22,1963	5	14	182	176		D,S	Topsoil 1; medium sand clay 100; blue clay 110; layers clay s blue clay 235; fine sand clay 245; blue clay 292; quicksand 3 blue clay 364; hardpan 379; medium gravel 382. Water from 37 to 382.
SER	*	7	L. Reiner	=	Oct.17,1960	6	20	112	91		D, C	Cley sand 3;gravel 16; sand 90;quicksand 110; coarse sand 11 fine gravel 117. Water at 117.
SER		7	G. Zahra	R.I. Mclaughlin	May 8, 1961	6 <del>1</del>	16	122	117	•	D	Topsoil 2; send streeks gravel 105; hardpan gravel 134; sand gravel 141; gravel 145. Water from 134 to 145.
SER SER SER		9 11 12	J.V.Witmer V. Scherer Shantz Menon-	L.C. Shantz Banes Drilling Co. R.I. McLaughlin	Jan.30,1960 Oct. 8,1963 Jun. 7,1963	30	15 10 15	36½ 40 100	36	:	D,S D P	Topsoil 1; sand 48; sand gravel 89. Water from 48 to 89. Fine brown sand 51. Water at 36. Brown sand 80; herdpan 150; blue clay 220; grey sand 270; grav
SER	#	14	ite Church W. Weber	*	Jan.29,1962	5	15	91	78	*	D,S	275. Water at 270.  Topsoil 1;sand 60;clay 150;herdpen 183;clay 200;herdpan 22 gravel 231. Water at 227.

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WATERLOO COUNT												
Wilmot Twp SER		52	D. Mohr	G.L.Davidson	Mer.20,1961	4	12	۶5	70	Fresh	D,S	Clay 2°; quicksend 5°; soft clay 9°; clay 9°; sand 112; clay 13°; sand 14°; stony hardran 164; sand stones 17°; shale sand 197;
SRN	**	2	W.Lautensch-	N.N Falkner	Oct.24,1963	6	55	100	69		D,S	blue rock 216; brown rock 238. Water at 238. Topsoil 1; brown cley P0; brown sand stones 128; coarse sand 136. Water from 130 to 136.
SRN	*	6	C. Vollmer	R.I. McLaughlin	Apr. 24, 1962	5.4	13	150	120		D	Tone water from 190 to 190.  Toneoil 1; sand 20; clay 35; hardnen 46; blue clay hardnen 294; gravel 286. Water at 284.
SAN		6	H. Knipfel	N.N. Falkner	Oct.13,1963	6	20	125	118		P	Tonsoil 1; brown sand clay 32; arey gumbo 79; arey clay sand 142 dark grev clay 269; cerented gravel 276; cerented sand gravel
SRN	•	6	*	,	Nov. 1,1963	10	1172	189	1171	*	P	298;brown limestone bedrock 300. Weter from 274 to 276. Topsoil 1;brown sand clay 32;crey gumbo clay 79;grey gumbo clay sand 140;drrk grey clay 226;grey clay 269;cemented gravel 274;gravel 276;cemented sand gravel 281. Weter from 274 to 276.
SRN		7	R. Mueller	E, McLaughlin & Sons	May 12,1962	5	30	73	70	*	D,S	Topsoil 1; clay 8; sand 20; hardpan 42; sand 47; sand gravel 78; hardpan 84; clay 124; hardpan 133; quicksand 160; sand fine gravel 168. Water from 160 to 168.
SRN	H	7	Y. Noguchi	R.I.McLaughlin	Mar.11,1963	5	18	125	120		D,S	Tonsoil 1; clay send 15; clay 42; send clay 96; fine send 100; clay 160; hardpan 232; hardpan gravel 249; send clay 272; send gravel 279. Water at 272.
SRN		8	0.Schwartzen- truber	HadcoWellDigging	Sep. 4,1962	30	2	27	12		D,S	Topsoil 1; brown sand 5; sand stones 7; brown clay 11; gravel 13; blue clay 17; gray sand 18; blue clay 28. Water at 12 and 17.
SRN	*	8	A. Steinman	R.I.McLaughlin	Sep.10,1963	7	18	63	57		D,S	Soil 5;gravel clay 15; clay stone 49; hardoon 89; sand 109; gravel 111. Water at 109.
SRN	**	9	C. Holst	W	Oct.11,1963	5	10	140	130		D .	Soil 5;gravel clay 15;clay stones 46;loose hardpan 91; oulcksand 93;hardpan clay 120;clay 198;hardpan 230;clay hardpan 254;hardpan 220;rock 294. Water at 288.
SRN SRN	111	10	N. Beildhem	J. Moore	Jun.10,1961	30	2		30		D	Medium sand 43%, Water at 30.
SRN		10 12	L.Scarisbrick C. Hondrich	C.& H. Kerr	Jun.15,1961 Jun.17,1960	30	2 15	30	50 10	,	D	Medium sand 63%. Water at 50. Clay 13; sand 14; hardpan 31; coarse sand 43. Water at 41.
SRN	"	12	Snyder Transp	. "	Oct.11,1963	7	30 15	27 34	10		P	Sand 39; fine sand 43. Water from 39 to 43.
SRN		16	H. Veitch	Had co Well Digging	Nov. 8,1961	30	15	34	26		D	Topsoil 1; brown clay 17; blue clay 20; blue sand 32; blue clay 36. Water at 26.
SHN	n	18	Waterloo Oxford HSchool	E.McLaughlin & Sons	Mar.15,1962	8	216	125	72	*	P	Dug pit in clay 5; clay 48; hardpan 97; fine sand 122; medium sand 135; coarse sand 140; coarse sand fine gravel 149. Water from 136 to 149.
SRS SRS	"	1	W. Franzke P.Bretusa	# Had coWellDigging	Oct.24,1960 Sep.28,1961		10 4	124 38	118 18	**	D D	Sand 15; clay 55;gravel 118; sand 123; gravel 133. Water at 132. Topsoil 2; brown clay 14; blue clay 22; blue sand 25; blue clay 40. Water at 22.
SRS		1	D. Patsold	N. McLean	Mar.10,1962	41	12	95	95		D	Fill 4; hard blue clay 80; sand dirty gravel 130; gravel 141.
SRS	10	1	H. Becker	*	Jun.18,1962	4	6	200	100		D	Fill 5; boulders gravel 85; dirty gravel 175; ouicksand 190;
SRS	*	1	G. Theil		Jun.30,1962	4	5	14	14	*	D	sand 270; gravel 337. Weter at 337. Fill 9; hard blue clay 60; sand dirty gravel 123; gravel 135.
SRS	н	1	J.A. Heyvaert	E. McLaughlin & Sons	Jul. 3,1962	5	20	125	121		D	Water at 135, Topeoil 1;soft brown cley 8;send cley mix 33;soft blue clay 85;hard cerented gravel 121;hard blue clay 148;hardpon 165;
SRS		1	E.W. Kank	Banes Drilling Co.	Sep. 7,1963	30	10	14	16		D	Coorse sand fine gravel 174. Water from 165 to 174. Topsail loam 2; grey medium stiff clay 27; small stones. Water
SRS	*	1	G.W. Quick	5 <b>*</b>	Sep.11,1963	30	10	15	17	•	D	st 25. Sendy brown clay 5; medium brown send 27; soft grey clay 27%. Weter at 17.
-		1	2 Footnotes giv	ing the meanings of	location abbre	viatio	ne and	of sumb	ole de	signating	7 11585	of wells may be found at the end of Appendix C.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	OO COUNT			H.A. Bender	R.I.McLaughlin	Dec. 2,1963	7	25	115	111	Fresh	D	Topsoil 1; brown cley small stones 6; fine sand 10; blue clay
srs			3	E. Skobsgard	Banes DrillingCo.	Dec.18.1963	30	10	20	22		D	48; cerented gravel 125; fine coerse gravel 135. Water from 125 to 135. Grey clay 22; fine silty grey clay 40. Water at 22.
SRS SRS			56	L. Scott Schmalz & Harrison Ltd.	Had cowell Digging E.McLaughlin & Sons	Jun. 9,1961 Apr. 1,1963	30	10 6 20	37 13 103	23 8 125	•	0 0	Topsoil 1; brown sandy clay 5; fine sand 14. Water at 7. Topsoil 1; sand clay 8; gravel clay 12; sand clay 35; hardpan 12; fine sand 132; hardpan 160; fine sand 270; blue clay 304;
SRS		Ä	7	Tend-r-Flesh turkey Ltd.	•	Aug.20,1960	8	65	59	48	•	С	medium coarse send 320. Water from 304 to 320. Topsoil licky send 30; send 78; hardnen send 85; send 100. Water at 87.
SRS		•	(67)	E.Schwertzen- truber	•	Sep.13,1961	7	30	38	28		D,S	Topsoil 1;cley 5;her'men boulders 18;cley 42;herdmen 67; grevel sand 79;clean grevel 83.
SRS			1	N.Schwartzen- truber	HadcoWellDigging	Mar.11,1961	30	10	48	40	•	D	Topsoil 1; brown clay 7; stones 10; blue clay 25; brown sand 40; fine gravel 49. Water from 40 to 49.
SRS				C. Pratcher Dr.R. Barton	R.I. McLaughlin	Apr.26,1961	5	18	80	60		D	Topsoil 2; clay 25; send clay streaks 50; send grevel 84; sand 9 Water from 84 to 92.
SRS			13 14	A. Witmer	Had cowell Digging	Oct. 6,1961 Oct.20,1960	30	6	31 Plows	11 Plows		D,P	Blue clay 48; send 55. Water from 48 to 55. Topsoil 1; brown clay 14; blue clay 19; blue send 29. Water at 19.
SRS			14	Baden Park	C.& H. Kerr	Jun.20,1963	5€	7	32	6	•	P	Brown clay 16;soft brown clay 19;send 49. Water from 40 to 49.
SRS				H.C. Veitch	HadcoWellDigging	Aug.19,1960	30	3	22	8	•	D,P	Topsoil brown clay 6; fine sand 9; grey clay 30; gravel 31; blue sand 35. Water at 8 and 30.
SRS			11.5	N. Roth	C.& H. Kerr	May 26,1962	5	15	66	50		D	Clay 30; marl 38; clay stones 62; coarse sand 70. Water from 66 to 70.
SRS SRS			15 15	D. Schwindt H. Schwidt	Had coWellDigging	Jun. 4,1962 Jun.13,1962	30	6	65 29	50 16	-	D,3	Dug well 40; send 64; coarse send 69. Water from 65 to 69. Topsoil 1; brown cley 9; blue clay 14; blue sand 17; blue clay 26; blue sand 30. Water at 14 and 30.
SRS SRS		•	15 16	K. Lieskau	C.& H. Kerr B. McLaughlin	Oct. 7,1963 Aug.28,1961	5 6 <del>1</del>	15 20	68 61	34 55		P D	Clay 35; sandy clay 67; coarse sand 71. Water from 68 to 71. Topsoil 1; clay 28; sand 60; hardnen 64; sand 81; gravel 83. Water at 81.
SRS			16	W. Toman	Had coWellDigging	Aug.31,1962	30	2	29	24	M):	D	Tonsoil 1; brown clay 14; blue clay 20; grey sand 24; brown grey sand 30. Water at 24.
SRS			16 17	C.Wettlaufeur R. Tutzi	J. Moore C.& H. Kerr	Jun.10,1963 Jul.25,1963	30 51	2 15	37 79	32 72	*	D	Blue clay 4; send 40. Water at 32. Dug well 38; sandy clay 70; sand 91; coarse sand 99. Water from 91 to 99.
SRS			20	A. Brenneman	Had coWellDigging	Aug.17,1963	30	3	16	5		D	Sandy clay 3; sand 5; gravel 8; sand 18. Water at 5.
oolwi CT GR	ch Twp.	lot	4	S. Bearmann	N. McLean	Nov.15,1962	4	5	60	60	Frech	D	Topsoil 5; brown clay stones 70; brown clay 90; gravel 90. Wate
CT GR	E BF	×	6	D. Elvey	R.I. Mclaughlin	Dec. 3,1962	5	15	35	2.7		ם	at 90. Gravel big stones 20; hardnan 46; clay 52; hardnan 64; clay 77;
CT GRI			6	E. Giilck G. Wentzloff	C.& H. Kerr	Sep. 5,1963 Sep.26,1963	53 5	15 15	45 100	24 53	:	D D	hardnen 98; brown rock 116. Water from 98 to 116. Hardnen 50; gravel 52. Water at 52. Stony clay 68; soft brown clay 88; hardnen 150; blue limestone
CT GRI CT GRI CT Con	E BF	i	7 7 4	C. Stumpt W.D. Streh H. Weber	N. Maclean HadcoWellDigging G.L.Davidson	Aug. 3,1962 Sep.2°,1962 Jan.23,1960	4 30 4	4 5 15	18 16 56	18 13 38		D S D,S	158. Water from 148 to 15°. Topcoil ?; gravel boulders 32; gravel 60. Water at 60. Topsoil 1; brawn clay 4; gravel 16. Water at 13. Dug well 14; silty clay 135; hardnen 155; brawn shale 164; grey rack 128. Water at 12°.

WATERLOO COL												
Woolwich Tw CT Con I	wp, - cor lot		H. Weber	G.L.Davidson	Jan.?3,1960	4	10	56	38	Fresh	D,S	Dug well 1/1; silty clay 135; hardben 155; brown shale 164; grey rock 178. Water at 178.
CT Con I	*	4	L. Lichty	HadcoWellDigging	Jan.3,1961	30	5	28	15		D	Topsoil 1; brown cley 15; coarse sand 1°; blue hardnan 2°; sand gravel 29. Water at 15 and 22.
CT Con I		7	D. Johnston	"	Oct. 1961	30	3	10	10	*	D	Topsoil 1; brown clay rocks 5; sand 9; gravel 9; blue sand 10;
CT Con III	ı "	1	W. Ratz	E.McLaughlin &	Jan.19,1962	7	30	40	8	•	D,S	blue clay herdnen 20. Water at 10. Dug well 44; herdnen 7°; grey limestone 92. Water from 90 to
CT Con III	I * 3	3	M. Fieler	Sons HadcoWellDigging	Nov.21,1961	30	1		22		D,S	92. Topsoil 1; brown sand gravel 5; brown clay 12; blue grey clay
CT Con V	<b>"</b> 1	L	C. Mertin	E. #cLaughlin & Sons	Aug.28,1961	5	17	45	30		S	2?; blue fine sand 2h; grey clay stone 33. Water at 22. Stone wall dug well blue clay 38; blue clay 48; bardoon 10; bardoon large stones 26; bardoon 10; cerented gravel 105; fine sandy gravel coarse gravel 113. Water from 105 to 113.
CT GRE BF		2	E.G. Martin O. Wright	HadcoWellDigging R.T. McLoughlin	Oct.18,1960 Jun. 5,1962	30 6½	5 15	10 52	5 27	*	D,S D	Topsoil 2;gravel 5; blue clay 15. Water at 5. Topsoil 2; hardon stones 25; clay 4; hardon 79; ouicksand 6; loase hardon 106; gravel 109. Water at 106.
OT GRE BF	6	,	C.Heronimus	E. McLaughlin & Sons	Jul.21,1960	6	8	52	15		ם	Tonsoil 2;herdnen 18;grevel 22;cley herdnen 72;herdnen sand 74;herdnen 93;grevel herdnen 100, Weter at 74 and 100.
G CT	. 2	2	H, Murakami	HadcoWellDigging	Apr.24,1961	30	4	36	18		D	Topsoil 1; gravel 10; blue clay boulders 14; blue clay 20; light blue sand 24; blue clay 35; gravel 37. Water at 35.
G CT G CT	# [	3	M. Horst H.S. Snider	R.I.McLaughlin HadcoWellDioging	Oct.19,1962 Oct. 7,1961	? 27₹	15 4	36 18	32 10	#	D,S	Sand 2;gravel 16;clay 58;hordbon 93;gravel 95. Water at 93. Topsoil 1;brown clay 9;brown fine sand 12;blue clay 20. Water at 20.
GCT	* 7	7	K. Weber		Oct. 2,1962	27	1		11	H	D	Tonsoil 6; send 21; brown cley 5; brown send 11; blue clay 14; brown send 25. Water at 11 and 23.
G CT G CT	* 7	?	M.S. Mortin L. Winfield	J. Moore N. MacLean	Jan. 8,1963 Sep.10,1963	20 4	3 8	4 60	4 50		D D	Gravel 10; thue clay 18. Water at 41. Sand 19; blue clay 86; hardran 102; clay small stones 165; sand gravel 172. Water at 172.
G CT G CT	* 5		W. Hacklorn M.S. Martin	HadcoWellDisging J. Moore	Oct.12,1960 Jan. 3,1963	30 30	5 2	13 66	13 64	п	D	Topsoil i; rock sand 13; blue hardren 22. Weter at 13. Topsoil 2; gravel 5; blue clay 72. Water at 62.
G CT	# 0		S. Ivel	R.I.McLaughlin	Apr. 9,1962	7	18	84	72	91	D, C	Topsoil 2; clay hardnan 95; sand 98; clay hardnan 151; clay sand 156; clay hardnan 159; gravel 160, water at 159.
G CT	* 9	,	A. BruBacher	,,	Jan.31,1963	5	15	72	50	Ħ	D,S	Topsot1 1; send 14; ouicksend 16; herdren cley 98; send 100; herdren 162; coarse sand 169; hardren 171. Water at 162.
GCT	* 1	11	I. Weber	*	Jul. 9,1963	7	15	58	45		D,S	Topsoil 1; sand 18; clay 50; hardoan 58; quicksond 60; hordoan 11\$; sand 118; hordoan red clay 126; gravel 130. Water at 126.
G CT		13	W. Brubecker E. Stevers	J. Moore R.I.McLaughlin	Dec.16,1963 Mar.28,1961	30 5	10 25	30 80	25 60	*	S D	Brown cley 25;blue cley 38;sand 40. Water at 120.  Brown cley 25;blue cley 38;sand 40. Water at 38.  Topsoil 2;cley 58;autckeend cley 85;hardnen 120;cley 140;  hardnen 200;auticksend 210;hardnen cley 260;stone gravel 274;
G CT	" 1	8	Martin Grove Mobile Home Park	**	Jul.24,1963	8	29	42	38		P	grey limestone 280. Water at 278. Topsoil 3;stony hardpan 24;clay 80;hardpan 110;clay 116;sand hardpan 133;gravel 135. Water at 133.
G CT	* 1	9	D. Mertin	N. MacLean	Jul. 21,1962	4	10	60	60	**	D,S	Gravel 20;gravel boulders 65;clay 165;sand 195;grovel 191;
G CT	м 2	20	D.B.M. Martin	Hed coWellDigging	Apr. 5,1962	30	5	281	11	*	D,S	blue rock 196. Water at 195. Topsoil 1; sandy brown clay 9; brown fine sand 18; brown coarse
G CT G CT		25	A. Hafeman E. Martin	R.I.McLaughlin	Aug. 3,1960 Jan. 8,1962	30 5	1 15	23 82	12 65	*	D D,S	sand 29; blue clay. Water at 12. Topsoil 4; brown clay 17; grey clay sand 24. Water at 12. Topsoil 1; clay sand 5; sand 36; clay 50; quicksand 51; sand clay 93; clay 103; hardpan 16°; hig stone 172; clay hardpan 218;
g ct g ct		30	A. Preicksches A. Preikshas	Had coWellDigging	May 14,1963 Sep.17,1963	27½ 30	3	12	20 10	:	S D	gravel 219. Water at 219. Topsoil 2; brown sond 25; hard blue grey clay 40. Water at 20. Topsoil 2; brown clay 4; brown sand 7; blue clay ??; gravel 24. Water at 7 and ?3.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	ń.		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
		O.		E. Schweitzer E. Jacob K. Clemmer	J. Moore HadcoWellDigging	Nov. 9,1963 Nov. 4,1963 May 7, 1963	30	10 10 2	30 50 25	28 48 20	Fresh	S D,S D	Fine sand 40; coarse sand 421, Water at 28. Sand 50; fine sand 64. Water at 50. Topsoil 1; brown clay rocks 14; blue clay rocks 21; gravel 25.
G CT		98	32	R. Schiefley	•	Sep.21,1960	30	8	24	20		D	Water at 21. Topsoil 1;grevel sand 17;sand 20;gravel 22;blue clay 28.
g ct		m	35	D. Rodengurg	G.L.Davidson	May 25,1960	4	15	36	27		ם	Water from 20 to 22. Red clay 15; sand 25; blue clay 76; sand 90; hardpan 105; sandy
G CT		*	35	A.W. Frey	Had coWellDigging	Jan.24,1961	30	e 1	19	8	*	D,S	gravel 118;dark brown rock 148. Water at 148. Tobsoil 1;brown clay rocks 4;gravel sand 5;sand 8;brown clay
g ct		19	36	W.Michenfelder		Apr.18,1961	30	8	23	10	*	D	12; blue hard clay 20. Water at 8. Brown clay 12; blue clay 18; sand 23; blue clay 24. Water at 12
g cr		*	37	N. Weber	R.I.McLaughlin	Sep.21,1962	8	80	53	20		D,S	and 18, Topsoil 2; clay 10; clay quicksand 35; hardnen 77; grey clay 91;
G CT		*	41	G. Uhrig	E. McLaughlin &	Jul.13,1960	6	15	75	60	*	D	hordoon 97;gravel 107;clay 110. Water at 97. Topsoil 1;clay 20;hordoon 60;sand gravel 76;sand 79;gravel
G CT		M·	41	R. Rhodes	Sons	Jun. 5,1961	61	20	88	68		ם	80. Water at 80. Toosoll 1:brown clay sand 9; cemented gravel brown clay 16; sticky blue clay 34; cemented hardman 86; medium coarse sand 93; coarse sand fine gravel 96; fine medium gravel 88. Water from
G II		4	41	G.Lichtmeyer	*	Nov.10,1961	63	25	61	47	•	D	86 to 98. Topsoil 1;hard brown clay small medium stones 15;blue clay 45;hardban 68;sand gravel clay mixture 73;fine medium gravel 76. Water from 68 to 76.
G CT		**	41 41	S. Each A. Schlupt	Had coWellDigging	Mar. 6,1963 Apr.10,1963		5	6	9 12		D D	Brown clay rocks 15; gravel 26; blue clay rocks 30. Water at 26 Topsoil 2; brown clay gravel 10; brown sand 14; gravel 18; blue clay rocks 30. Water at 16.
G CT		**	41	Woolwich Twp.	Banes Drilling Co.	Jul. 9,1963	30	1	24	21	*	С	Sand 5; brown clay stones 8; stones gravel sand 25. Water from 21 to 25.
G CT		11	41	H. Shannon	C.& H. Kerr	Dec.12,1963	5	15	60	33	*	D	Stony clay 43; clay boulders 60; hardnen 70; coarse sand 73. Water from 70 to 73.
g cr		10	45	L. Heller	R.I. McLaughlin	Oct.30,1961	5	18	88	75		D	Topsoil 1; sand 30; clay 45; herdnen 81; clay 115; herdnen 177; blue shale 198. Water from 180 to 198.
G CT			45 47	L. Goodwin A. Weber	HaicoWellDigging J. Sauder	Nov.28,1962 May 4, 1961		3 15	29 41	21 41	*	D D,S	Topsoil 1; brown clay 11; brown send 29. Water at 21, Topsoil 3; brown clay stones 47; yellow clay stones 64; yellow sand 66; cemented sand 67; blue clay 74; fine black sand 76; cemented sand 86; blue clay 92; yellow sand 94; herdorn 145;
g ct		**	47	H. Sauder	R.I.McLaughlin	May 2, 1963	5	20	63 <del>}</del>	48	*	D,S	shale 155; brown blue rock 168. Water from 158 to 168. Topsoil 2;gravel 6; clay hardpan 59; coarse sand 103; hardpan streaks sand 118; hardpan 174; hardpan gravel 197; gravel 198. Water at 197.
G CT		•	48	M. Frey	G.L.Davidson	Oct.23,1961	4	10	106	66		D,S	Clay 30; hordpan 90; send 103; gravelly sand 102; hordpan 170;
G CT		99 99	49 58	I, Kraemer G.S. Martin	Had coWellDigging	Apr. 8,1963 Jul.26,1961	30 30	5 5	12 23	8 15	:	D,S	send 212; blue shale 225; brown rock 238. Water at 238. Topsoil 1; brown clay rocks 10; grevel 18. Water at 11. Topsoil 1; brown clay 7; sand 9; grevel 16; blue clay boulders 23. Water from 9 to 16.
G CT		11	64	B. Bauman	G.L.Davidson	Jan.30,1960	4	10	110	95		D,S	Topsoil 1; stony yellow clay 22; brown clay 63; send 68; silty
G CT		10	70	M. Mertin	N. McClean	Nov.30,1962	4	4	25	18		D,S	blue clay 84; blue shale 142. Water at 142. Toosoil 3; clay small stones 80; sand 90; light blue rock 100.
G CT		11	71	V. Graff		Aug. 28, 1963	4	10	Flows	Flows	*	D, C	Water at 95. Fill 3; blue clay 40; hardnan 65; sand 77; blue rock 90. Water at
G CT			72	F. Jupp	R.I. McLaughlin	Oct.23,1961	5	20	12	10		D	82.  Gravel clay 43; hardpan 54; gravel streaks blue clay 63; hardpan 75; blue clay 3; hardpan 95; blue clay 101; hard grey rock 108. Water at 103.

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GCT	10	t 72		I. Shontz	R.I.McLaughlin	Sep. 3,1963	7	15	25	19	Fresh	s	Soil 1;gravel 16;clay 50;clsy hardman 56;hardman 70;blue a stone 104;rock 108. Water from 104 to 108.
GCT		74	1	M. Winfield	N. McLean	Aug.21,1963	4	6	50	18	•	D	Gravel boulders 30; blue clay 68; hordpon 95; sand 115; gravel 122. Water from 114 to 122.
GCT	-	76	5	E. Weber	HadcoWellDigging	Aug. 5,1961	30	8	18	10	*	D	Topsoil 1; brown sandy clay 6; brown fine sand 9; coarse brown and 16; gravel 18; sand 19. Water at 9 and 16.
g ct	36	77	,	C.B. Martin	G.L.Davidson	Oct.27,1962	4	10	50	40		D,S	Dug well 16; nulcksand 45; sand gravel stones 56; hardban 77; sand 92; hardban 102; sand 110; gravel 111. Water at 111.
GCT	10	78 81		J. Baumen Jr. E. Brubacher	Had coWellDigging G.L.Davidson		30	5 11	16 48	16 34	*	D,S	Topsoil 2; fine sand 24. Water at 16.
GCT				III.		May 4, 1961						D,S	Clay 4; sand 8; stony hardban 114; hlue shale 152; brown shale 154. Water at 154.
		83	- 1	C. Beuman	E. McLaughlin & Sons	Dec.23,1961	7	25	40	20		D,S	Topsoil 1;hardpan 30;gravel sand clay 100;gravel 104. Water at 104.
GCT		0,		S. Brubacher	R.I. Mc-aughlin	Oct.11,1962	7	15	40	35	•	D,S	Topsoil 3; send cley 20; gravel 65; clay 20; hardonn 99; gravel 102. Water at 99.
GCT		86	5	W. Koppeser	HadcoWellDigging	May 12,1962	30	4		18	7		Topsoil 2; brown sand clay boulders 18; sand gravel 19; grey harden boulders 35; marl gravel 37; harden boulders 47;
GCT		86	5	E. Yanchus	G.L. Davidson	May 25,1962	4	10	60	51		D	gravel rock 50. Dry hole. Red clay 4; sand 6; gravel 24; hardnen 56; sand 60; brown clay
GCT		86		W. Koppeser	R.I.McLaughlin	Mar. 7,1963	7	15	65	60		D	60; hardon 83; sand gravel 90. Water at 90. Topsoil 1; blue clay 4; brown clay 76; sand 79; brown clay 86
GCT		90		Ont.Hydro	E. McLaughlin &	Jul.13,1961	7	25	70	58		P	sand gravel 100; gravel 101. Water at 100. Hardpan 42; clay 66; hardpan 93; sand gravel 101; gravel 105.
GCT		90		Comm. G. Young	Sons D.S. Lougheed				, -	12	,	-	Water from 101 to 105.
		-				Nov. 7,1962	10	150				In	Topsoil 1; clay gravel 37; gravel clay 45; clay 94; broken roo 100; limeatone 360. Water from 305 to 315.
G CT		94		G. Jackson	G.L. Davidson	Jun. 6,1962	4	7	33	9		D,S	Dug well 15; blue clay 62; sand 77; hardnan 175; sand 195; red clay 222; shale 233. Water at 233.
GCT		95		C. Miller	Had coWellDigging		30	8	32	20	•	D	Topsoil 3; brown clay 12; sand 21; fine gravel 23; sand 40. Wat 21.
GCT	*	7.		O. Martin	G.L. Davidson	Aug.29,1962	4	15	53	40	•	D,S	Clay 25; quicksand 85; hardpan 180; shale rock 186; brown rock 203. Water at 203.
GCT		10	00	L. Bolender	J. Sauder	Mar.23,1961	5	15	14	111		D,S	Open dug well 34; sandy clay 54; silty blue clay 83; sand 84; hardpan 107; sand 109; medium gravel 110. Water from 107 to
GCT		10	0	L. Staulbaum	Had co Well Digging	Jul.13,1963	30	3	30	20		D	110. Topsoil 1; stony brown clay 30; sand gravel 35; gravel 40.
GCT		10	- 1	A. Metzger	G.L.Davidson	Oct.22,1963	4	14	24	18		D.S	Water at 30. Clay 20; sandy gravel 50; hardban 60; sand 73; hardban 172;
GCT		10		EldoleValley	Had coWellDigging		27	30	24	4		P	harden gravel 178; brown rock 181. Water et 181. Topsoil 1:brown clay 4:brown sand 5:gravel 15:blue clay
GOT				Golf Club Ltd.	L.C. Shantz	Sep.11,1963	درء 5	15	74	69		D	rocks 30. Water at 5.
GCT							-						Previously drilled well 116; sand gravel 134. Water from 116 to 134.
		11		Lifelyner Mufflers Ltd.	HadcoWellDigging		30	2	34	26		P	Topsoil 1; hardpan 14; grey clay 18; brown sand 18. Water at 26.
GCT		11	2	E.S. Gingrich	G.L.Davidson	Sep.13,1962	4	12	75	64		D,S	Clay sand 22; sand soft clay 70; hardnan 165; blue shale 178; brown soft rock 187; blue hard rock 206; white hard 'limeston
g cr	**	11	.3	B & M. Live- stock & Trans- port Ltd.	J. Sauder	Mer,21,1960	7	14	111	110	Sulphur	In	207. Water at 207. Blue clay stones 40;soft blue clay 44;hardoon 81;blue clay 102;yellow sandy clay 108;blue clay stones 171;streak yellong 173;blue clay stones 225;hardoon 280;brown shale 299; rock 2993. Water at 171 and 299.
				port std.									

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	ION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	WATER	USE OF WATER <sup>3</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ATERLOO COUN Woolwich Twp	cont.			W				<b>C</b> 1.			2007
G CT	lot 113	Ont.Dept. of Highways E.S. Bauman	C.G.Goodberry WellDrilling Ltd G.L. Davidson	Mar.20,1961 Jul.31,1962	6 4	15	112 40	64 21	Fresh	P D,S	Clay 34; quicksand 41; hardman 201; grevel 208}. Water at 204 and 208}. Dug well 40; sand 47; blue clay 68; sand silt 140; hardman 192
GCT	• 118	A. Weber	•	Jun. 3,1960	4	7	36	30		s	red shale 213; blue rock 236; brown rock 239. Water from 236 to 239. Topsoil 1; sendy gravel 35; hardpan sand stones 105; hardpan
GCT	* 126	K. Melitzer	E.EcLaughlin & Sons	Mar.16,1960	6	9	81	21	•	D	125; shale 132; brown limestone 169. Water at 169. Topsoil 1; sand clay 10; clay hardpan 35; hardpan 80; sand 83 gravel 84. Water at 84.
G CT	* 126	J. Moyer	R.I. McLaughlin	May 16,1961	5	18	36	22	•	ם	Topsoil 2;sand 15;clay 25;hardban 60;oulcksand 62;clay hardban 138;gravel rock 142. Water at 138.
GCT	* 127	Gehl Harold	N. McLean	Dec.20,1962	4	5	85	18		D	Topsoil 3;gravel boulders 28;clay 63;fine gravel 99;coars
GCT	* 129	R. Nikelski	E.Mc-oughlin &	Jun.28,1960	6	25	55	28		D,S	gravel 103. Water at 103. Topsoil 1; coerse gravel 28; hardban 75; hardban gravel 26;
GCT	<b>*</b> 129	H. Zeigler	Sons N. McLean	Dec.14,1963	4	12	50	39	•	D,S	gravel 87. Water at 86. Gravel sand 45; blue clay 70; hardban 93; sandstone 100. Wat at 98.
BELLAND COUNT Bertie Twp. LEF BF BF BF BF BF	1 lot 32 32 32 32 32	C. Deming C. Gibson T. Venosk R. Coleman E.J. Felt	W. Winger & Son	Apr.30,1960 Sep.21,1962 Jul.16,1963 Oct.11,1963 Oct.28,1963	6	18 5 10 6 7	7 16 14 14 20	6 14 11 11 11	Fresh	םםםםם	Tobsoil stones 2;dark flint 21. Water at 19. Shale 4;dark flint 31. Water at 29. Topsoil 1;shale 4;dark flint 23. Water at 21, Stones clay 2;dark flint 27. Water at 25. Brown sand 4;shale 8;limestone 24;light flint 50. Water at 48.
BF LEF BF LEF Con I	* 33 * 34 * 9	R.S. Buck S.S. Burgess E. Shisler	R.L. Schooley W. Winger & Son	Nov.22,1961 Mar.19,1960 Nov. 9,1960	5	1 10 5	66 32 16	58 31 10	:	P D D	Sand 66, "ater at 68. Sand 30; blue clay 55; flint 61. Water at 61. Crushed stone clay 1; brown clay 8; broken rock 10; dark fli
LEF Con I LEF Con I LEF Con I LEF Con I	15 15 19 20 20	M. Simmons R. Brunton G. Amato E. Bullock W. Johnston		Mar.12,1962 Sep. 9,1963 Jun.23,1960 Aug.16,1960 Sep.12,1960	6 6	3 6 8 15 18	18 23 9 9	3 9 4 4 12	Sulphur	D,S D,D D	22. Water at 12. Topsoil 1;brown clay 6;dark flint 22. Water at 19. Clay 1;shale 4;dark flint 23;light flint 45. Water at 31. Topsoil 1;brown clay 16;light flint 30. Water at 28. Brown clay 12;dark flint 30. Water at 28. Topsoil 1;brown clay 12;clay pebbles 18;dark flint 48. Watet 46.
LEF Con I	* 25	K. Holden	•	Jul.27,1963	6	11	80	14	Fresh	D	Topsoil 1; brown clay 34; stones sand 58; light flint 80. Wa
LEF Con I LEF Con I LEF Con I LEF Con II LEF Con II LEF Con II LEF CON II LEF CON II LEF CON II LEF CON II	* 31 * 32 * 35 * 8 * 8 * 9 * 11 * 11	A. Jackson R. Taylor L. Ross H. Fuller R. Depowski F.A. Virga C. Keiloch J. Sacouski G. Rings B. Clements	L. Hallborg W. Winger & Son H.L. Schooley W. Winger & Son R.L. Schooley W. Winger & Son R.L. Schooley W. Winger & Son	Mer.25,1960 Apr.22,1961 Sep. 6,1961 Jan. 3,1962 Jun.22,1962 Sep.14,1962 May 13,1963 Jun.11,1960 Jun.17,1960 Aug.11,1960	65566665	5 10 10 5 15 10 20 20	15 15 12 15 4 22 10 3 2	10 4 8 15 2 10 4 0 2	Sulphur Fresh	ממממממממ	at 61. Cley 19; flint 29. Water at 29. Sand gravel 17; derk flint 32. Water at 30. Cley 8; flint 21. Water at 21. Grey clay 11; flint 33. Water at 33. Tonsoil 1; yellow cley 15; linestone 37. Water at 35. Topsoil 1; brown cley 7; derk flint 56. Water at 54. Sandy clay 6; loose rock 10; flint 24. Water at 24. Topsoil 1; brown clay 14; derk flint 26. Water at 24. Red clay 8; loose rock 10; flint 23. Water at 24. Topsoil 1; brown clay pebbles 4; derk flint 26; brown rock 3 Water at 29.
LEF Con II	* 11 * 11	S. Dench C. Metz	R.L. Schooley W. Winger & Son	Jun.26,1961 Jul.3, 1961		10 10	20	10 13	Sulphur	D	Water at 29.  Loose rock 8; flint 27. Water at 27.  Topsoil 1; light flint rock 28; brown limestone 35. Water at 25.

WELLAND COUNTY - cont. Bertie Twp. - cont. LEF Con II W. Winger & Son Oct.19,1961 Fresh D Tonsoil 1:brown clay 3:dark flint 27. Water at 25. lot 11 J. Antal 20 LEF Con II B. Stelly 10 6 D Tonsoil lishale 6: light flint 21. Water at 19. Jun. 8,1962 7 11 LEF Con II J. Rak R.L. Schooley Jul. 4,1962 6 10 12 12 D Clay 10: limestone 29. Water ot 29. 11 LEF Con II M. Haves Jul. 7,1962 May 16,1963 6 12 12 D Clay 9: limestone 28. Water at 28. 11 10 LEF Con II E.C. Pouly 15 4 4 Sandy clay 7; limestone 25. Water at 25. 11 W. Winger & Son Aug. 3, 1963 Aug. 31, 1963 21 13 Sulphur Topsoil 1; shale 2; dirk flint 40. Water at 38. Clay 8; limestone 26. Water at 26. LEF Con II 11 T. Dunn 7 LEF Con II R.L. Schooley 15 6 11 R. Bachmenn 15 Fresh 12 Stones clay 2;dark flint 29. Weter et 26. LEF Con II W. Winger & Son 5 L. Kobrin Aug. 9,1961 6 13 LEF Con II R. Kaine Mar.21,1962 4 15 Brown clay ?: livestone ??. Water at ?0. 13 LEF Con II W.Hensiorowsky Oct.20,1962 8 15 13 Send stone- 6: light flint 50. Water at 46. 13 LEF Con II 14 10 Topsoil 1; light flint 20. Water at 18. G. Marcus Jun.22,1960 15 18 94 " 17 LEF Con II May 11.1960 5 Sulphur D Topsoil 1:brown clay 16:blue clay 23:derk rock 30. Water at A. Penczka LEF Con II Sep.27,1963 41 39 Clay stones 7: brown limestone 61. Water at 59. H. Lough Fresh \*\* LEF Con II 24 W. Bowen R.L. Schooley May 24.1962 15 20 Red clay 23; blue clay 40; gravel 53. Water at 53. LER Con II 24 P. Tritchew W. Winger & Son Apr. 20.1963 10 9 7 Topsoil 2: brown clay 18: brown sand 30: gravel 33: brown rock 39. Water at 33. LEF Con II L. Hallborg Jan. 16.1960 Sulphur D Clay 13: flint 23. Water at 23. 31 E. Fretz 5 17 10 LEF Con II 32 Apr. 25, 1960 Clay 18; flint 54. Dry hole. C. Green LEF CR E. Thorett W. Winger & Son Jul.10,1961 Brown clay 15; light flint 20. Weter at 18. 17 Fresh LEF Con III \*\* W. Peck Jul.19,1961 18 8 Fill 1; brown clay perbles 7;dark rock 32. Water at 30. 5 LEF Con III A. Clara Jul.28,1961 7 40 20 Sulphur D Topsoil 1:brown clay stones 6:dark flint 45:brown limestone 90. Water at 45 and 74. LEF Con Ill Sep.15,1961 4 8 Fresh Clay stones 3:dark flint 30. Water at 29. Jun. 20, 1960 Topsoil 1; brown clay 3;d rk flint 31. Water at 29. LEF Con III 8 E.G. Clay 14 10 Sulphur LEF Con III 8 J.Lomacchia Aug. 26, 1961 5 40 10 Dark flint 29: light dark rock 48. Water at 46. LEF Con III 17 M. Anzalone May 21,1960 15 6 5 Topsoil 1: brown clay 5:dar's flint 23. Water at 21. LEF Con III 17 R. Castilone Jul. 2,1960 12 9 Fresh D Topsoil 1:brown cley 9:light flint 20. Water at 18. LEF Con III J. Pierrynow-R.L. Schooley Jul.17,1960 20 19 D Red clay 11: flint rock 25. Water at 25. 17 4 ski LEF Con III \* 17 C. Nicosia W. Winger & Son Aug. 21, 1962 3 41 9 Sulphur D Topsoil 1: brown clay 7:dark flint 29:dark limestone 5%. Water at 56. LEF Con III 18 A. Haster R.L. Schooley Aug. 3,1960 20 Fresh Red clay 7; flint 30. Water of 30. \*\* LEF Con III 18 Topsoil 1; brown clay 4; dark rock 30. Water at 27. A. Faker W. Winger & Son Aug. 1,1961 15 11 LEF Con III 20 L. Hallborg Jul. 2,1960 60 30 D Losm 2:brown limestone 98. Water at 98. L. Brady 18 48 47 . LEF Con III 20 T. Chittenden W. Winger & Son Jul.28,1960 D Torsoil 1; brown clev 2; dark flint 12; brown rock 30; blue shale 43; brown rock 70. Water at 68. LEF Con III 20 R. May R.L. Schroley 10 50 50 Clay loam 3: loose rock 9: limestone 62. Water at 62. Dec. 7,1960 43 LEF Con III 20 N. Safv May 19,1961 5 10 43 Loose rock 7; grey limestone 65. Water from 55 to 65. LEF Con III W. Winger & Son 29 65 20 L. VanNatter Sep.25,1961 8 25 Sulphur Topsoil 2; shale 4; brown rock 37. Water at 35. LEF Con III 3 Brown clay stones 11: shale 56: blue shale 100. Water at 55 20 S. Dolce May 30.1962 Fresh and 97. LEF Con III 40 " 20 H. Few Jul.31,1962 6 4 75 Brown clay 2:shale 6:light flint 23;brown rock 62;blue rock 90. Water at 88. LEF Con III I. Ross Jun.20,1963 10 35 30 Topsoil 1; stones clay 3; shale /; dark flint 15; dark rack 64. Water at 61. LEF Con III Jun.26.1963 20 G. Knight 6 15 41 32 Topsoil 1:brown clay 3:shale 7:brown rock 65;blue rock 80. Water at 75. LEF Con III O. House Oct. 3.1960 6 36 34 D Topsoil 1; shale 8; brown limestone 40; b'ue shale 55. Weter at 20 LEF Con III S.S. # 10 Feb. 4,1963 16 65 55 Topsoil 1; shale 5; brown rock 80. Water at 76. LEF Con III 23 L. Sherk Oct.12,1960 29 19 Tops-il 1;b-own clay 4;brown rock 43;blue sha'e 52. Water at LEF Con III " 23 6 6 D H. Beam Apr. 16.1963 10 9 Tonsoil 1; brown clay 18; brown sond 36; grovel 43; brown rock 46. Water at 43.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLAND COUNTY - cont. Bertie Twp cont. LEF Con III lot 25 LEF Con III 28 LEF Con III 33 NRF Con I 9 NRF Con I 9 NRF Con II 7 NRF Con III 7 NRF Con V 1 NRF Con V 3 NRF Con V 5 NRF Con V 5 NRF Con V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON V 7 NRF CON	R.Morningstar J.C, Cautherd A. Swayze R.C. Johnson G. Stratton F. Hoffmann O. Nicks P. Sellers G. Brittain M. Letwin R.& G. Amaral W. Merten	W. Winger & Son R.L. Schooley W. Winger & Son "" " R.L. Schooley W. Winger & Son	May 4, 1960 Feb.24,1960 Jul.19,1961 Aug.15,1961 Oct.16,1961 Aug.14,1961 Oct. 1,1962 Oct. 9,1962 Jul.14,1960 Jun.23,1960 May 6, 1961 Nov. 3,1962	5556 6 66 6 6 56 6	10 10 10 12 7 10 6 6 15	7 64 20 18 21 14 40 48 18 8 21 28	5 16 12 12 12 12 12 40 40 17 8 3	Fresh Sulphur Fresh Sulphur Fresh Sulphur	מם מם מפתם	Topsoil 1; brown alsy 9; shale 10; blue rock 23. Water et 21. Clay 6; loose rock 10; flint 45; limestane 80. Water at 20. Clay 10; limestane 28. Water at 28. Topsoil 1; brown alsy 7; red sand stones 19; gravel 23; blue shale 27. Water at 23.  Topsoil 1; brown alsy 7; red sand stones 20; gravel 26; shale 28. Water at 26. Topsoil 1; brown alsy 11; dark flint 38. Water at 36. Topsoil 1; brown alsy 8; brown limestane 26; blue rock 56. Water at 56. Topsoil 1; brown alsy 8; brown limestane 27; blue rock 63. Water at 60. Fill 1; brown alsy bebbles 10; dark rock 35; brown rock 40. Water at 40. Red alsy 15; grey limestane 29. Water at 28. Topsoil 1; brown alsy 10; dark flint 14; brown rock 40. Water at 18. Topsoil 1; light flint 11; brown limestane 35. Water at 33.
NRF Con VI	M. Miller E. Doornekamp A.Morningster		Aug. 6,1960 Nov. 1,1960 Nov.10,1962	6	7 1½ 15	50 44 29	12 35 29	Fresh Sulphur Fresh	D D	Tonsoil 1; brown clay 8; brown rock 50. Water at 23. Tonsoil 1; brown clay 4; light flint 2"; brown limestone 70. Water at 68. Stones clay 3; grey limestone 31; brown limestone 42. Water at
NRF Con XI " 1 NRF Con XI " 4	H. Darby Lime Ridge Farms	R.L. Schooley W. Winzer & Son	Jul.29,1961 Nov.25,1961	5	10 5	22 21	22 0		D S	40. Losm 2; loose rook 10; limestone 35. Water at 35. Tonsoil 1; brown clay 16; red clay 49; send 113; fine gravel 122 coarse gravel 128; blue rock 130. Water at 128.
NAF Con XII " 1 NAF Con XIII " 1 NAF Con XIII " 1 NAF Con XIII " 1 NAF Con XIV " 3 NAF Con XV " 5 NAF Con XV " 8 NAF Con XV " 14	H. Vanderloo R. Beem M.W.Venosch L. Marr S.S. 14 J. Liss W. Diamond	R.L. Schooley W. Winger & Son R.L. Schooley W.Winger & Son R.L. Schooley W. Winger & Son	Jul.30,1963 Jun.26,1962 May 14,1963 Aug. 3,1963 Jul.18,1962 May 2,1963 Aug.12,1963	66666	10 7 10 15 7 15 7	25 11 23 12 50 20 23	23 9 19 12 24 20 19		D D D S P D,S D,S	Sandy cley 4; shale 20; limestone 35. Water at 35. Topsoil 1; red clay 37; xravel 43; dark rock 45. Water at 45. Topsoil 1; brown clay 6; brown rock 48. Water at 45. Clay 6; limestone 37. Water at 37. Topsoil 1; brown clay stones 11; gray rock 65. Water at 62. Red clay 25; blue clay 45; hardpon 58; gravel 62. Water at 62. Topsoil 1; brown clay 62; gravel 66; shale 70; blue shale 72. Water at 78.
Crowland Twp. BF lot 1	Ford Motor Co	. International Water Supply Ltd	Jun.22,1960	5	8	10	71	Fresh	T 1-60	sand sand 63; soft clay silt 77; clay gravel boulders 80;
BF * 1		* 1	Jun.24,1960	5					Ţ	bedrock. Hater at 55. Topsoil 1; red clay streaks grey clay 15; soft grey clay 39;
BF " 1	*	*	Jul. 4,1960	5					2-60 T 3-60	Topsoil 1: red cley 9; soft blue cley 40; cley gravel boulders 44; cley 46; cley streeks stit 53; cley 59; slit fine send 62; cley 58; slit 70; cley 75; send fine gravel 97; cley reverl 93;
BF " 1	*	*	Jul. 8,1960	5	14	30 <del>]</del>	10	Fresh	T 4-60	rock. Water at 75. Topsoil 1; blue clay red streaks 9; red clay 26; anft blue clay 42; aley gravel boulders 45; red clay 50; aley saft gravel streaks 64; aley gravel boulders 76; gravel 81; aley boulders 8 rock. Water at 75.
BF " 2	E. Warner	R.L. Schooley	Nov.16,1960	6	10	28	28	,,	מ	Blue cloy 49;gr-vel 62;limectone 57. Water at 67.

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	ELLAND COUNTY Crowland Twp.	- cont	•1	1 = = = = = = = = = = = = = = = = = = =							1	
	BF	10+ 3	A. Warner	R.L. Schooley	Jan.22,1960		10	38	32	Fresh	D,S	Red clay 24; hordoon 40; blue clay 65; limestone 70. Water at 70.
	BF	" 3	H. Vanalstine	W.Winger & Son	Aug.26,1960	6	2	80	17	Sulphur	D	Topsoil 1;brown clay 17;blue clay 50;sand 83;gravel 92;dark rock 103. Water at 100.
	Con I	* 14	J. Hegar	R.L. Schooley	Apr.21,1960	5	12	24	24	Fresh	D,S	Red clay 25; blue clay 45; hardnen 70; sand fine gravel 100; limestone 103. Water at 103.
	Con II	* 5	G.E. Wetzel	W.A. Lounsbury 3	Nov. 4,1963	7	1	80	15		D	Hard brown clay 10; soft brown clay 67; sandy clay 796; fine
	Con II	<b>"</b> 16	A. Heern	Sons R.L. Schooley	Sep. 2,1960	5	10	30	30	*	ם	coarse gravel 80; limestone 84. Water at 20. Red clay 20; blue clay 60; sand 78; coarse sand fine gravel 90; limestone 94. Water at 94.
	Con II	* 17	J.B. Kinneird	W.A. Lounsbury & Sons	Jul.?3,1960	7	17	40	15		D,S	Brown clay 37; stony blue clay 70; fine red sand 92; coarse g gravel 99. Water at 92.
	Con III Con IV	* 18	A. C. Vandenberg		Mar.18,1963 Feb.16,1961	6	13	30 80	24 20		D,S	Brown clay 60; red clay 98; limestone 104. Water 104. Hard clay 22; soft clay 41; hard clay 66; soft sandy clay 73;
	Con IV	" 11		Sons	Apr.11,1962	6	16	14	14		D	herdnen 77; limestone 88. Water at 77. Clay 76:gravel boulders 80:coarse gravel 84:clay gravel 98;
	Con VII	• 9	J. Walker	L. Hallborg	Jul.28,1960	5	10	25	8		D	sand 100. Water at 100. Blue clay 20; red clay 60; sand 100; fine gravel 105. Water at
	Con VII	" 10	J. Fazekas	R.L. Schooley	Aug.31,1962	6	15	35	35		D	Sandy soil 20; send 60; gravelly clay 92; sandy gravel 102;
												shale 105. Water at 105.
	Crystel Beach Crystal Beach		C W	R.L. Schooley	Jan.27,1962	5	2		16	Sulphur	D	Clay 20; sand 50; flint 94. Water at 94.
1.07	Crystal Beach	n	G. Michener	n.b. Schooley	Jan. 27, 1902	2	2		10	Sulpnur		Clay 20; sand 50; filint 94. water at 94.
	Humberstone To		77 - 17	R.L. Schooley	5 40 4064	_		0.1	8	P	D	Character and Market and Alexander
	Con I Con I	lot 1	H. Hasselman Hasselman Nurseries	n.L. Schooley	Sep.18,1961 Jul.12,1963	5	7	24 28	12	Fresh	c	Clay 14; limestone 24. Water at 24. Red clay 15; gravel loose rock 20; flint 34. Water at 34.
	Con I	" 1			Jul.18,1963	6	?	38 11	22		C	Hardpan 26; loose rock gravel 30; flint 46. Water at 46.
	Con I Con I	" 2 " 2	D.J. McCarthy G. Sherk	W. Winger & Son	Sep. 9,1960 May 8,1961	6	7 18 4	22	6	Sulphur	C D	Sand 16;derk flint 28. Water at 26. Topsoil 1;brown clay 12;derk flint 27. Water at 25.
	Con I Con I	" 2	C. Elliott E. Brewster	R.L. Schooley W. Winger & Son	Jun.16,1961 Oct.11,1961	5	5	20 24	10	Fresh	D	Clay 11; flint 34. Water at 34. Tonsoil 1; red clay 16; sand stones 20; light flint 29;
			200 000 T					6	4	W	מ	dork rock 35. Water at 34.
	Con I Con I	<b>"</b> 4	R. Hepley J. Mathews	L. Hallborg R.L. Schooley	May 6,1960 Sep.1,1961	566	10 10	20	20	**	D	Black muck 8; flint 13. Weter at 13. Loose rock 6; flint 35; limestone 59. Water at 39.
	Con I Con I	4	A. Beach R. Damude Jr.	W	Aug.14,1962	6	3	30 30	18 10		D,S	Sandy soil 9; flint 38. Water at 38. Clay 2; loose rock 8; flint 44. Water at 44.
	Con I	" 5	L. Kozma		Aug.27,1963 Jul.26,1961	6	20	12	12	Sulphur	P	Clay 9: limestone 36. Water from 34 to 36.
	Con I Con I	10		W. Winger & Son L. Hallborg	Nov.16,1960	6	1 3	20 11	11 7	Fresh	D D	Brown clay 8; light flint 20. Water at 15. Clay 9; flint 15%. Water at 15%.
	Con I	" 11 " 11	R. Smith	R.L. Schooley	Jul. 7,1960 Jan. 7,1961	5	10	7	7		D	Red clay 9; limestone 17. Water at 17.
	Con I	" 11		77	Nov.16,1961	5	1 <del>1</del> <del>1</del> 5	30	15		D D	Sand 12; clay 20; flint 34. Water of 34. Clay 5; limestane 22. Water at 22.
	Con I Con I	" 11 " 11			Sep.19,1962 Mar.20,1963		8	10 10	4		D	Cley 7:flint 18. Water at 18.
	Con I	13		L. Hallborg	May 21,1960	5	10	10	6		P	Loam 3: flint 31. Water of 31.
	Con I Con I	* 13		R.L. Schooley	May 27,1960 Mar.25,1961	5	10	31	16 6		P	Topsoil 2; flint 45. Water at 38.
	Con I	" 13	J.P.Jaworksy		May 10,1962	6	10	10	10	**	D	Loam ?; loace rock 7; flint 29, Water et 29. Cley 2; flint 27. Water et 27.
	Con I Con I	" 13 " 13	J. Senta V. Perez		Mar. 5,1963 Jun.10,1963	6	10 15	12 15	8 7		D	Loose rock clay 5; flint 31. Water at 31. Black loam 3: loose rock 6: flint 29. Water at 28.
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1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

FOC	ATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING		T. PUPT.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	NTY - cont.										
Con I Con I Con I Con I Con I Con I Con I Con I Con I	lot 14 14 14 17 18 19	L. Leon D. Keller H. Gaylord L. Townsend R. House	R.L. Schooley	Jul.23,1963 Sep. 5,1963 Apr.16,1962 Dec. 1,1962 Sep.23,1960	6	6 10 5 1 20	15 15 20 46 8	8 12 6 6	Fresh	םםםם	Sand gravel 11; flint 20. Water at 20. Sand 18; flint 27. Water at 27. Sand 3; flint 25. Water at 25. Blue clay 14; flint 48. Water at 48. Topsoil 1; brown clay 6; derk flint 10; brown limestone 16.
Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con II Con II	21 21 21 21 21 21 21 22 23	R. Bertulli K. Kanold G. Charuk E. Pietz K. Kanold R. Beam F. Doan O. Schlenger L. Gingras C. Grimes	R.L. Schooley	Jul.11,1961 Jul.13,1961 Jun.28,1962 Oct.10,1962 Msr.14,1963 Jul.25,1963 Feb. 6,1962 Apr.18,1963 May 29,1962 Apr. 9,1960	566665666	7 3 15 7 10 2 10 12 11	18 20 4 10 4 28 8 14 30	6 6 4 10 4 10 8 14	Sulphur Fresh Sulphur	0000	Water at 15.  Clay 6; limestone 20. Water at 20.  Clay 12; limestone 23. Water at 23.  Clay 12; limestone 24. Water at 22.  Clay 6; limestone 24. Water at 24.  Clay 6; limestone 24. Water at 24.  Clay 9; limestone 30. Water at 30.  Clay 9; grey limestone 39. Water at 29.  Brown clay 9; limestone 27. Water at 27.  Red clay 20; brown limestone 40. Water at 40.  Clay 3; brown limestone 70. Dry hole.
Con II Con II	" 11 " 13	R. Knoll J. Dyet R. James	R.L. Schooley W. Winger & Son R.L. Schooley	Aug. 7,1962 Nov. 2,1961	6	10	100		Sulphur	D	Cley 12; limestone 20. Water at 20. Stony clay 2; light flint 38; brown rock 94; blue rock 100. Water at 43.
Con II Con II Con II Con II Con II Con II	16 18 21 31 33 33	C. Augustine J. Schaubel F. Fodor G.D.Gregorio R. Bagg J. Grimes	F. Merritt L. Hallborg R.L. Schooley	Apr. 24, 1962 Oct. 23, 1963 Jun. 19, 1961 Mar. 29, 1962 Jan. 8, 1963 Mer. 17, 1960 Mar. 17, 1961	55666	1 10 15 10 10 4 10	50 42 3 20 4 16 16	32 35 3 15 4 14 16	Fresh	0 0 0 0 0 0	Loose rock 6; flint 36; limestone 58. Water at 58. Sandy soil 45; limestone 55. Water at 55. Cley loom 2; loose rock 5; limestone 20. Water at 20. Loose rock 3; limestone 32. Water at 32. Cley pebbles 1; hard flint rock 12. Water at 10. Loom clay 2; limestone 29. Water at 29. Too clay 6; loose rock 8; grey limestone 33. Water from 29 t
Con III Con III Con III Con III Con III Con III Con III	" 11 " 17 " 17 " 19 " 22 " 26	I. Sahs R.H. MacCabe L. Piecuch H. Konig A. Buiter Port Colborne Block Supply		Nov. 7,1961 Jul. 8,1961 Apr. 4,1962 Nov.12,1963 Nov.10,1962 Oct.16,1963	6	10 7 10 10 15 20	18 15 12 37 22 9	12 8 4 37 22 9	•	D,S D D D,S In	33. Cloy 13; grey shale 35. Water at 35. Cloy 16; limestone 29. Water at 29. Brown cloy 12; limestone 27. Water at 27. Shale 23; limestone 47. Water at 47. Cloy 5; shale 30; limestone 62. Water at 62. Blue cloy 30; sand 40; grovel 43. Water at 43.
Con IV Con IV Con IV Con IV Con IV Con IV Con IV Con IV Con IV Con IV Con IV Con IV	11 11 15 16 16 16 17 17 18	E. Carver E. Henry R. White D. Neville K. Porester J. Babirad R. McIntyre H. McIntyre H. Deline Adam Constr. Co.	S.W. Merritt	Mar. 7,1962 Apr. 5,1963 Jul.17,1961 May 14,1960 May 20,1960 Jul. 6,1960 Mar.20,1961 Jul. 9,1960 Mar.29,1961 May 15,1962	6 555556 5	10 20 10 10 10 15 10 20 10	30 22 20 18 18 15 20 11 41	10 14 15 15 15 15 15 20 11 41	Sulphur Fresh	D,S D,S D,S D D D D	Red cloy 47; sond 70; grovel 72. Water at 72. Red cloy 40; horabon 53; limestone 57. Water at 57. Red cloy 36; sond gravel 44; limestone 48. Water at 47. Red cloy 24; gravel 32. Water at 31. Red cloy 18; blue cloy 45; brown limestone 51. Water at 51. Clay 20; limestone 32. Water at 32. Red clay 18; limestone 22. Water at 22. Loose rock 7; limestone 53. Water at 23. Cloy 24; boulders 26; shale gravel 28. Water at 28.
Con IV Con IV Con V	" 18 " 19 " 5	M. Fares G. DeMizio R. Tessier	R.L. Schooley M. Deshoies	Sep.18,1963 Jul.11,1962 Dec. 1,1961		10 15 5	36 10 15	36 10 5	Sulphur Fresh	D D,S D,S	Rubble 6; shale 30; limestone 45. Weter at 45. Red clay 25; blue clay 60; shale 70, mater at 70. Brown clay 30; boulders clay 32; hardpan 88; grey limestone 9
Con V Con V	<b>9</b> 9	T. Overreyer	R.L. Schooley	Jun. 2,1960 Jun. 2,1960		12 10	24 40	24 35	:	D,S D	Water et 92, Red clay 22; blue clay 65; sand 77; limestone 81. Water et 81 Sandy soil 30; blue clay 75; fine gravel 27; limestone 21. Water t 81.

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WELLAND COUNT Humberstone Con V	Twp.		M. Stevens	R.L. Schooley	Sep.10,1960	5	15	18	18	Fresh	D	Blue clay 60; hardpan 74; sandy soil 103; gravel 107. Water at
Con V	*	13	M. Charette	•	Jun.13,1963	5	15	15	12		D	107. Red clay 25; blue clay 80; gravel 86. Water at 86.
Niagara Fal Niagara Fal	ls Cit	У	H.Montgomery	W.A.Lounsbury &	May 13,1963	7	2	45	18	Fresh	D	Hard brown clay 42; soft red clay 61; limestone 62. Water of
Niagara Fa	11s "	.	B. Morris	Sons	Jun. 4,1963	7	5	30	11		D	62. Hard brown clay 10; soft brown clay 27; limestone 33. Water a.
Niagara Pa	lls "	'	Niagara Twp.	International Water Supply Ltd	Sep. 6,1960	2			Flows	*	T	33. Black muck 3;gravel 4;blue clay 47;blue soft clay 73;gravel send boulders clay streaks 83;red clay gravel streaks 95;red
Niagera Fa	lls "	'		•	Sep. 6,1960	S			•		T	shale 98. Black muck 4; brown clay gravel 9; blue clay 39; blue clay gravel streaks 41; blue clay 44; blue soft clay 69; gravel sand clay streaks 78; blue soft clay 80; red clay 88; red soft shale
Niagora Fa	lls "	.	,		Sep.12,1960	2	21	21	10	Fresh	T	97; hard red shale 101. Sandy red clay 9; fine sand 36; fine sand fine gravel 67; fine
Niegere Fe	lls "			*	Sep.16,1960	2			13		т	send sand gravel streeks clay 72; hard red shale 79. Sandy red clay 11; sand fine gravel 74; sand gravel 80; red hard
Niagara Pa	lls "		St.Davids Water Work Commission	W.A. Lounsbury & Sons	Jun. 1,1961	10	290	21	6	: <b>*</b>	P	shale P1. Soft send cley 16;herd gravel stones he;coerse gravel 46. Water at 46.
Niegara Fo	lls "		Niegers Twp.	International Water Supply Ltd.	0ct.27,1961							Fine sand 4; fine gravel send 11; red clay stony streaks sand 24; fine gravel sand clay 31; clay gravel sand 42; red clay stones boulders 55; blue clay 64; grey limestone 73.
Niagere Fa	lls "		н	**	Nov. 3,1961	2	30	17	10			Sandy clay 6; coarse sand fine gravel 2?; fine gravel sand clay 35; fine coarse gravel streak cemented gravel 41; coarse sand 45; gravel sand 57; gravel clay 62; gravel sand 71; limestone 71å.
Niagers Fa	11s "	٠		*	Nov. 3,1961	2					T 4-61	Layers clay sand 21; cemented sand 23; layers clay sand 49; fine
Ningara Fa	lls "				Dec.15,1961	2			151	Fresh	4-01	Sandy clay 4: fine coarse gravel sand 10: sandy clay stones 33;
Niagers Fe	lls *	'			Apr.24,1962	10	4	49	11	**		fine coarse gravel sand 38; cerented gravel 51. Water at 33. Coarse gravel sand 1; sand fine gravel 8; coarse sand 18; sand gravel clay boulder 28; meium on was sand boulders conglomerate 37; fine sand 41; medium fine sand 46; coarse gravel sand boulders 51; sand fine gravel small boulders 62;
Nisgara Fa	11s "	٠	•	*	Oct.24,1961	5						medium coerse send 71; rock. Water ot 10. Red stony clay 3; coerse fine grovel 6; fine send 20; gravel
Niagara Fal	lls "			*	Oct.26,1961	5						boulders clay 25;11aht gray limestone 31. Sandy clay 2;red stony clay 11; ravel clay boulders 13;fine sand 19;clay 20;fine sand 22;red stony clay 31; shale streaks
Niegora Pa	lls "			*	Dec.19,1961	2			13	Fresh		clay 38; grey limestone 41.  Red sandy stony clay 11; fine coarse sand 15; grey stony clay 24; fine coarse gravel sand clay stracks cemented gravel 32;
Niegara Pe	lls "		Stamford Vol- unteer Fire Co	W.A.Lounsbury & Sons	Apr.13,1961	7	25	75	20	Sulphur	P	cemented gravel 33; grey limestone 35. Water at 24. Hard clay send 41; herdoon 55; red sandstone 61; limestone 78.
Niegara Fo	lls "		P. Sananna	, Jons	Jun.19,1961	7	6	70	48	Fresh	D	Water at 78.  Bed sand 23;hard clay 48;sandy clay 63;red sand 74;hardpan 81; limestone 83. Water at 81.
,		1,2	, Footnotes giv:	ing the meanings of	location abbre	viatio:	ns and	of sym	bols de	signating	uses	of wells may be found at the end of Appendix C.

LOCATION	1.	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLAND COUNTY - Niagara Falls C						S			21		
Niagara Falls Niagara Falls	City	R.Nemeroski J.Cosksedge	F. Merritt W.A.Lounsbury & Sons	May 31,1962 Aug.22,1962		10 8	65 55	50 44	Fresh	D D	Blue clay 30; red sand 29; grey limestone 81. Water at 80. Hard brown clay 51; hardpan 53; limestone 63. Water at 63.
Niagara Falls Niagara Falls		M.Harris L. Harris	w w	Nov.14,1960 Mar. 1,1962		8 20	34 55	16 20		D P	Soft brown clay 32;gravel 34;limestone. Water at 32. Hard brown clay 10;soft brown clay 35;soft brown clay stone
Niagara Falls Niagara Falls Niagara Falls		L. Neal R. Aliomare Neal-Bacon Farms	F. Merritt W.A. Lounsbury & Sons	Feb.13,1961 Dec.23,1963 May 5,1960	6	5 10 17	35 35 20	18 25 5		D D,s	40; limestone 57. Water at 55. Soft brown clay 27%; limestone 35. Water at 35. Blue clay 36; grey limestone 50. Water at 49. Hard clay 8; blue clay 31; gravel 31%; limestone 33. Water at
Niagere Falls Niagere Falls		L. Terol Thiessen Const. Co.	R.L. Schooley W.A. Lounsbury & Sons	Aug.27,1960 May 12,1961		10 5	55 23	28 6	:	D D	31½. Clay 12;sandy soil 55;limestone 68. Water at 68. Hard clay 15;stony hardpan 24;limestone 25. Water at 25.
Niagara Falls Niagara Falls		K. Rigg C.A. Scott	F. Merritt W. Winger & Son	Jul.31,1963 Jun. 2,1960		10 6	20 13	12 2	:	D D	Brown clay 25;grey limestone 27. Water at 27. Topsoil 1;brown clay 17;blue clay 27;gravel 28;brown limestone 30. Water at 28.
Niagara Falls	Ħ	Rojac Const. Co. Ltd	W.A. Lounsbury & Sons	Jun.23,1961	7	15	21	51	*.	D	Hard clay 21; stony herdpan 24; limestone 26. Water at 26.
Niagere Fells	*	L. Grandoni	•	Oct. 7,1961	7	4	43	17	•	D	Sandy loam 2; hard brown clay 18; blue clay 39%; coorse grove: 40; limestone 43. Water at 39%.
Niagera Fells	*	Bright's Wine Limited	•	Apr.28,1962	10	130	206	40	Sulphu	In	Hard clay 8; sandy clay 34; hardnen 36; fine sand 38; hard limestone 97; saft limestone shale 27; hard limestone 237; white sandstone 243; red sandstone 250; red shale 261; red
Niegera Falls Niagera Falls, Niagera Falls Niagera Falls	:	A. Walter V. Walter R. Walter R.W. Glintz	F. Merritt " W.A.Lounsbury &	Apr. 8,1963 Apr.10,1963 Apr. 6,1963 Jul.25,1961	6	8 8 8	20 20 20 55	15 18 16 38	Fresh Sulphu	D	sandstone 272. Water at 97, 250, and 272. Brown clay 23; limestone 30. Water at 30. Brown clay 16; limestone 30. Water at 30. Brown clay 16; limestone 30. Water at 30. Hard clay 31; stony hardban 33; limestone 57. Water at 57.
Niagara Falls	*	D. Trembley	Sons	Aug.25,1961	7	10	50	35	Frech	D	Hard brown clay 15; blue clay small stones 52; limestone 54.
Niagera Falls Niagera Falls		G. Allan BadenPowell Park	F. Merritt W.A. Lounsbury & Sons	Sep.30,1961 May 16,1963	6	10 40	40 48	35 37		D P	Water at 54.  Blue clay 47; wrey rock 62. Water at 62.  Sandy loam 2; soft red clay 30; limestone 51. Water at 51.
Niagara Falls Niagara Falls	:	I. ClimenHage J. Nagy	S.W. Merritt	Jun.19,1962 Nov.21,1963		14 17	38 50	37 19	:	D D	Clay 40; boulders gravel 48; Niagara rock 53. Water at 53. Hard brown clay 10; soft brown clay 53%; small coarse gravel
Niagara Falls		J.W. Adems	Sons	Mar.28,1962	7	75	36	21	*	D,S	54: limestone 55. Water at 54. Hard brown clay 10; soft blue clay 45; small atones arrivel
Niagera Fells	*	Stretegic-udy Metallurgical Ltd.	G.J. Wallis	Aug.29,1961	8	24	60	43		In	52; limestone 56. Water at 56. Clay cinder fill 8; reddish brown clay 30; reddish pack sand 63; sand 77; sandy red clay 89; gravelly grey clay 95; Niagara
Niagara Falls	•	L. Wilson	W. Winger & Son	Jun.30,1960	6	18	8	6		D	limestone 150. Water at 108. Topsoil 1; brown clay 16; blue clay 48; sand 57; clay pebbles
Niagera Falls	*	Montgomery Bros.	W.A. Lounsbury & Sons	Mar.22,1960	7	20	25	12		D	69; gravel 72; brown rock 74. Water at 72. Hard clay 9; soft clay 48; sendy clay 62; hard shale 64; limestone 65. Water at 64.
Pelhem Twp. Con I 1	ot 4	D. Jones	W.A. Lounsbury & Sons	Nov. 9,1960	7						Hard brown clay 19%; limestone 55; white sandstone 60; limesto 62. Dry hole.

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	WELL AND COUNTY			ī									
	Pelham Twp Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con IV	10	nt. t 4 9 11 16 17 3	H. Nordouist E. Veld T. Holderney K. Crowe B. Porteos E. Lene H. Smith W.A. Higgins	F. Merritt S.W. Merritt F. Merritt W.L.Field & Son W.A. Lounsbury &	Jul.10,1961 Apr. 9,1962 Apr. 2,1962 May 1, 1961 Aug. 9,1962 Aug. 3,1961 Jul. 6,1962 Aug. 9,1963	5556660	12 12 10 10 10	75 20 28 60 40 50	45 15 28 25 30 45	Sulphur Fresh "	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Brown cley 17;grey rock 90. Weter et 90. Cley 29;Niegare rock 33. Weter et 31. Clay 39;shale 34;Niegare rock 50. Weter et 48. Brown cley 30;blue clay 47;grey limestone 71. Water et 71. Blue clay 39;grey limestone 62. Weter et 62. Brown clay 67;blue shale 62. Weter et 62. Brown clay 6;brown sand 20;grey sand 64;red shale 67. Sand 9;clay 68;sandy clay 124;fine sand 161;sand grovel 128;
	Con IV Con V	"	16 5	E.A. Selby J. Mathias	Sons F. Merritt W.A. Lounsbury & Sons	Dec.14,1960 May 24,1963		10	45	23 74	**	D,3 D,S	hardon limestone shele 200. Weter at 200. Clay 85; limestone 94. Weter at 94. Hard clay 18; soft clay 63; sandy clay 104; hardon 119; limestone . Water at 118.
	Con V Con V Con V	.99	666	A. Angle M. Marshall D. Mettler	S.W. Merritt F. Merritt	Feb. 9,1960 Aug. 5,1960 Nov.18,1961	6	16 10 10	45 50 80	35 45 70	**	<b>D</b> D	Clay 60; and gravel 66. Water at 66. Clay 45; red sand 55; sand gravel 60; sand 63. Water at 63. Sandy loam 15; blue clay 60; red sand 118; grey limestone 125. Water at 125.
	Con V	*	12	D. McCerthy	W.A. Lounsbury & Sons	Nov. P,1961	7	20	160	51	"	D	Red send 48; sendy clay 112; red sand 154; sendy clay 160; limestone 162. Water at 160.
	Con VI Con VI		1	F. Hornich Crysler Bros.	S.W. Merritt W.S. Field & Son	Nov.??,1961 Oct. 2,1963	6 6	30 20	20 110	12 16	"	D D,S	Sand anicks and 60; sand gravel 68. Water from 60 to 68. Brown and 30; blue clay 38; coarse gravel 42; grey sand 80; brown clay 100; sand gravel 132. Water from 100 to 132.
	Con VI		4	J.A. Climenhore	W.A.Lounsbury & Sons	Nov.15,1963	6 <del>3</del>	20	140	96		P	Fine red sand 172; coarse gravel 174; limestone. Water at 174.
411	Con VI		5	Pelhem Twp.	International Water Supply Ltd	Apr.13,1962						T	Topsoil 2; brown blue cley 17; silt 18; blue cley 36; sandy clay gravel 38; blue hard cley 67; soft blue cley 73; soft blue cley gravel 76; soft blue cley 99; blue cley sand gravel streeks 96; blue cley 99; sand gravel clay streeks 107; red sandy clay 135; red clay 140; red sandy clay 158; red clay 140; red sandy clay 158; red clay 172; broken limestone.
	Con VI	*	5	Fonthill Saddle &Ski Club	W.A.Lounsbury & Sons	Nov.13,1961	7	13	55	35	Fresh	D,S	Herd sandy clay 30; red sand gravel 56; coarse gravel 62. Water at 60.
	Con VI	n	5	Pelhem Twp.	International Water Supply Ltd	Apr.13,1962	5						Topsoil 2; brown blue clay 17; silt 18; blue clay 36; sandy clay gravel 38; blue hard clay 62; soft blue clay 73; soft blue clay 73; soft blue clay gravel 76; soft blue clay 93; blue clay sand gravel straks 96; blue blay 99; sand gravel clay streaks 107; red sandy clay 135; red clay 140; red sandy clay 158; red clay 140; red sandy clay 158; red clay 172; bedrock broken limestone. Dry hole.
	Con VI		6	HenslerSchool	F. Merritt	Dec.23,1961	6	10	70	65	Fresh	P	Sand 15; grey clay 70; ouicksand 100; red gravel 107; coarse gravel 109, Water at 109.
	Con VI	14	12	L. Mannell	let .	Mer. 5,1961	6	10	10	3	"	D	Red send 60; red quicksend 90; grey send 92. Water from 90 to 92.
	Con VII		9	Pelham Twp.	International Water Supply Ltd	Apr.17,1962 Mar.16,1962		100	206	172		Ť	Topsoil 2; red sandy cley 7; sandy oney red cley 11; blue clay 21; gravel sand 22; sand 31; gravel sand 40; sindy red clay 47; sandy red clay gravel streaks 54; hard red clay 63; sandy red clay 104; red clay sand gravel 105; sandy red clay 122; sand red clay streaks 134; sandy red clay 149; blue red clay sandy streaks 212; broken limestone 214.  Dirty sand fine gravel 52; packed red sand gravel streaks
													102; sendy cley gravel fine streeks158; red wrey cley 163; boulders 164; blue red cley 186; sandy red clay packed 234; silt soft grey clay 249; red blue sandy clay 301; brown grey limestone 323; light brown limestone 344.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCAT	TION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Pe1	AND COUNT ham Twp.	-		Pelham Twp.	International Water Supply Ltd	Mar.22,1962	2	16	20	19	Fresh	т	Topsoil 2; red clay 6; fine sand silt 9; brown clay 12; blue silt 20; blue clay 26; blue red clay gravel 37; sand fine gravel clay 41; coarse gravel sand 46; cemented sand gravel 50
Q	on VII		• 9	*		Mer.27,1962	2		8	19			send fine gravel 59; coerse gravel send 65; red soft clay ??. Water at 50. Topsoil 2; red clay 6; fine send silt 9; brown clay 12; brown clay 12; blue silt 20; blue clay 26; blue red clay gravel 37; send fine gravel clay 41; gravel send boulders stracked 58;
Q	on VII		• 9	•	•	Apr.10,1962	8	126	28	18		T	sandy red clay 70; Topsoil 2; sandy red clay gravel 20; blue clay 23; blue red clay gravel 44; sandy clay gravel 47; streak coarse gravel 48; sand gravel red clay 60; gravel sand red
Q	on VII		* 9		*	Apr.17,1962						т	cley streeks 68; red sendy cley 74. Weter from 47 to 50.  Topsoil 2; red sendy cley 7; sendy grey red cley 11; blue cley 21; gravel send 22; send 31; gravel send 40; sendy red cley 47; sendy red cley gravel streeks 54; red herd cley 63; red sendy clay 104; red cley send gravel 105; send red cley 122; send red cley streeks 134; sendy red cley 149; blue red cley sendy
Q	VII ac		• 9		*	Apr.24,1962	2	id U	li li	33	Fresh	Т	streeks 212; broken limestone 214.  ded sandy clay 3; send gravel 6; red clay 7; sendy red clay gravel streeks 21; brown red clay 38; sand fine gravel 51; blue clay 53; sand gravel 62; boulders sand gravel 65; cene ted sand gravel streeks 70; sandy red clay 91; red blue clay sandy
	VIII m		• 5	OWRC PelhemTwr	•	J=n.29,1962	8			77			streeks 117; blue clay 124; silt 126; sendy red clay 129; blue red clay 134; red blue clay hard gravel streeks 180; limestone Red sendy clay 6; red sendy clay gravel 15; worked red clay gravel 21; silt 43; blue red clay 46; silt clay streeks 130; blue red clay 142; silt clay streeks 155; soft red clay 175; packed s ndy red clay 203; broken limestone 206; brown blue limestone 213; blue brown limestone 219; brown limestone 249;
Q	on VIII		* 5	•	*	Jan.11,1962	8	20	156	77	Fresh	T	blue brown white limestone 254%.  Red sendy clay fired sendy clay gravel 15;pecked red clay gravel 21;sit 43;blue red clay 46;silt clay streeks 130; blue red clay 142;silt clay streek 153;red soft clay 122; pecked sendy red clay 203;broken limestone 206;brown blue limestone 213;blue brown limestone 219;brown limestone 249;
Q	on VIII		* 7	E.L. Crossely High School	W.L.Field & Son	Jul.25,1963	8	30	334	200	Sulphur	10.10	blue brown white limestone 2544. Water at 206. Dirty red sand gravel 12; backed red sand gravel 132; soft red sand 142; red sand gravel backed 160; soft dark sand ouicksand 295; hard red clay large stones 300; soft grey sand 330; backed blue clay gravel 348; gravel sand 349; hard blue
Q	on VIII		<b>N</b> 9	Pelhom Twp.	International Water Supply Ltd.	Mar.16,1962	8	100	206	172		Т	clay 35%; limestone 365. Water at 362.  Dirty red sand fine gravel 52; macked red sand gravel streaks sandy clay fine gravel streaks 15%; red gravel clay 163; boulder 164; blue red clay 186; sandy red clay pecked 234; silt saft gray clay 249; red blue soft sandy clay 301; brown gray limestone 32; iteht brown limestone 344. Water from 202 to 223; 223 to 245; 305å to 320; 323 to 325, 325 to 330, and from 331 to 344.
Cc	n VIII		" 13	A. Deveny1	S. W. Merritt	Aug.28,1962	5	10	120	120	Presh	D,S	Sand quicksend 120; clay sand 160; clay gravel 200; Niapara rock 217. Water at 206 and 213.

W	ELLAND COUNTY -													
	Pelham Twp c	ont.	. 1		i				ĺ	ļ.		1 1		[ 0 - 1 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	Con IX	lot	6	OWRC		rn-tionel r Supply Ltd.	Dec. 7,1961	2	•		28			Sandy cl=y 8; cemented s=nd 10; silty s=nd 39; silty cl=y 70; silty s=nd 94; soft gr=y cl=y 180; rock 184; gr=y limestone 192.
	Con IX	*	7	W. Winton	W.L.	Field & Son	May 24,1960	6 <del>½</del>	50	85	50	Fresh	D,S	
	Con X		2	G.Lombercki		•	Nov.28,1963	6₺	10	90	30	Sulphur	D	Brown clay 20; blue red clay 180; sand 185; coarse gravel 200. Water at 195.
	Con X	*	4	OWRC		rnational er SupplyLtd.	Nov.23,1961							Topsoil 1; yellow sandy clay 4; grey sandy clay 8; gravel sand 13; hardpan 18; silty sand 58; soft gray clay 70; silty clay 150 soft brown clay 176; grey stony clay 194; dark grey limestone 200.
	Con X		6	St.Anne's Separate School	W.A.	Lounsbury & Sons	Jun.15,1962	7	17	70	47	Fresh	P	Red sand 38;soft clay 142;sandy clay 179;hardpan 182; limestone 183, Water at 183,
	Con XI	**	4	K. Kraay		# Jons	Jan.10,1961	7	20	40	30	*	D,S	
	Con XI	#	13	H. Vanderkant		*	Dec.19,1960	7	30	58	29	Sulphur	D,S	
	Con XI		14	M.Kolchew			Jul.11,1961	7	20	70	24	Fresh	D,S	
	Con XI	**	18	E. Scheiber	S.W.	Merritt	Aug. 1,1961.	6	16	32	22		D,S	Clay quicksand 134; sand hard packed 136; sand 13°. Water at 138.
	Con XI Con XII Con XIII	**	19 4 3	A. Beida L. Severa G. Coverlale	R.L.	" Schooley	Dec.17,1960 Jul.12,1960 Sep. 8,1960	5 6 5	16 16 15	30 25 25	25 25 25	:	S D D	Clay sand 130; packed sand 138; sand 140. Water at 140. Clay sand 142; gravel 144; shale 145. Water at 145. Sandy soil 17; sand 40; hlue clay 105; gravelly clay 128;
413	Con XIV	**	3	W.E. Yungblut	W.A.	Lounsbury &	Jul.23,1963	7	6	125	15	Sulphur	D,S	
	Con XIV	н	6	C.J. Mantovani	W.L.	Sons Field & Son	Dec. 3,1960	6 <del>}</del>	10	40	18	Fresh	D,S	limestone 131. Water at 131. Blue clay 40; red clay 80; blue clay 120; coarse stones sand 125; coarse gravel 126. Water at 125.
	Port Colborne T Port Colborne		į	J. Misener	R.L.	Schooley	Apr.22,1963	6	15	15	6	Fresh	С	Loose rock 10; flint 10. Water at 28.
	Thorold Town Thorold Town			Legion Conser-	W.A.		Jun,28,1960	7	3	37	33	Fresh	D,P	Hard brown clay 32; limestone 39. Water at 39.
	Thorold Town			vation Club Moyer Sand & Gravel Ltd.		Sons	Apr.19,1963	7	15	291	91	Sulphur	In	Hard brown clay stones 34; limestone 145; white sandstone 167; red sandstone 201; soft limestone 219; red sandstone 241; red shale 301. Water at 301.
	Thorold Twp.							.,						
		lot	21 32 61 78 79	C. York E.A. Jesek H. Gordon H. Schmidt R.Boyd &L.Ross N.R. Moore	F.W.	Field & Son  Merritt  Lounsbury &  Sons	Aug.12,1960 May 18,1960 Jun.22,1962 Nov. 9,1963 Mar.30,1960 Apr. 7,1960	665 6 5 7 7	5 10 10 10 20	50 30 40 24 27	20 16 27 22 9	Fresh	D D D C D,S	
		•	80	Merrittville Driving Range			Jul.14,1963	7	20	30	12	•	P	Water at 26%. Hard brown clay 8; soft brown clay 25; limestone 31. Water at 31.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	T. WWT.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLAND COUNTY - cont. Thorold Twp cont.	W B	W.A. Lounsbury &	Tu1 10 1062		8	20			D	T
lot 80		Sons	Jul.17,1963	7		30	20	Fresh		Hard brown clay 8; soft brown clay 27; limestone 33. Water at 33.
* 81 * 89	H.G. Harley Detroit Motel	•	Apr.10,1961 Mar.13,1962	7	8	30 60	241	Sulphur	D P	Soft brown clay 28;gravel 28%; limestone 30. Water at 28%. Hard clay 21;soft clay 37;hard stony clay 44; limestone 60. Water at 60.
93 100 107	H. Dougherty C. Warner Heritage Const	S.W. Merritt R.L. Schooley W.A. Lounsbury & Sons	Aug. 2,1963 Dec.16,1960 Jun. 7,1962		16 15 7	18 28 85	15 28 52	Fresh	D,S S D	Grey clay 25; Niagare rock 40. Water from 38 to 40. Blue clay 34; brown limestone 46. Water at 46. Berd clay 18; soft clay 44; red sand 68; sandy clay 78; limeston
* 107	J.C. Spence	a Sons	May 31,1963	7	12	80	42		ם	85. Water at 85. Hard clay 12; hard red sand 48; sandy clay 67; hardpan 78;
* 107	P. Pagee	W	Aug.23,1963	7	7	65	26		מ	limestone 89. Water at 80. Hard brown clay 10; soft brown clay 25; sandy brown clay 75;
■ 108	Dr.A.C.Stone		Jun. 6,1963	7	20	115	58		D	limestone 76. Water at 75. Hard clay 18; hard red send 48; soft clay 92; red send 107;
• 108	H. Hughes	F. Merritt	Sep.13,1963	6	10	100	70	•	ם	herdpen 113; limestone 115. Water at 115. Sendy loam 25; red send 40; red loam 70; gravel boulders 107.
* 111	D. Patterson	W.L.Field & Son R.L. Schooley W.L. Field & Son W.A. Lounsbury &	Sep.14,1960 Jun. 4,1963 Oct.10,1963 May 24,1961	5 61	10 10 2 17	90 45 40 283	50 30 3 281	Sulphur Fresh	D,S D T	Water at 100 and 107.  Brown clay 30; reddish send 100; gravel 115. Water at 65.  Sandy clay 40; hardpan 57; limestone 61. Water at 61.  Sandy clay 7; limestone 40. Water at 16.  Hard clay 30; limestone 37. Water at 37.
-		Sons	Sep.13,1963	7	10	54	36	Sulphur	P	Hard brown clay 15; soft brown clay 26; hardpan 342; limestone
* 118	N. Hudson	F. Merritt W.A. Lounsbury &	Aug.27,1961 Oct. 6,1961	6	10	35 30	30	Fresh Sulphur	D D	54. Water at 52. Blue clay 52;grey shale 53. Water at 52. Brue clay 15;soft blue clay 33;limestone 47. Water at
* 118		Sons S.W. Merritt	Nov.30,1962	6	14	45	18	Fresh	ם	47. Clay 16; clay quicksand 43; Niagara rock 66. Water at 52 and
* 120 * 122	A. Berketo L. Cryer	W.A. Lounsbury &	Jun.20,1962 May 5, 1961	6 7	14 8	22 65	22 18	:	D D	65. Clay 40;gravel clay 48; shale 50. Water at 49. Hard clay 18; soft clay 33; sandy clay 59; coarse gravel 65.
* 124	G. Collins	W. Packham	Jan.19,1960	7	20	25	8		D	Water at 65. Grey clay 25; silty grey sandy clay 70; limestone 80. Water at
<b>"</b> 126	W.H. Moore	W.A. Lounsbury &	Nov.13,1962	7	17	20	13		ם	77. Herd brown clay 4; blue clay 32; hard brown clay small stones
*1135	V. Bergins G. Newhouse A. Bukults M. Kovecs	F. Merritt  W.A. Lounsbury &	Aug.10,1962 Jul.10,1963 Jul.22,1963 Aug. 5,1960	6	10 8 10 17	40 42 30 57	30 42 23 30	:	D D D,s	40; limestone 43. Water at 43. Blue clay 50; grey shale 50. Weter at 50. Blue clay 44; grey limestone 54. Water at 54. Brown clay 56; hardpan. Water at 56. Brown clay 56; hardpan. Water at 56. Hard brown clay 16; blue clay 50; gravel 55; coarse gravel 57.
* 136 * 139	J. Kiss H. Austin	Sons F. Merritt S.W. Merritt	Jun.23,1961 Jul.31,1963	5	10 8	45 55	40 50	:	D D	Water at 55. Blue clay 40; red gravel 55; limestone 60. Water at 60. Brown clay 10; soft clay quicks and 60; packed sand 67; Niagara
140 153	H. Scott L.A. Smaltz	F. Merritt S.W. Merritt	Aug.29,1961 Nov.28,1962	6	10 12	25 48	22 46	**	D D	rock 75. Water at 75. Brown clay 25; blue clay 55; grey limestone 60. Water at 60. Clay 18; packed sand 55; outleksand 68; fine sand 75; quicksand 88; hard sand shale 92; Miagara rock 110. Water at 102 and
* 156	O.A.Hamilton	W.L.Field & Son	Oct.12,1963	8	10	20	6	*	D	110. Sandy clay 6; boulders 10; gravel sand 36. Water from 10 to
* 158	MacMillen, Bloedel & Powell River	W.A. Lounsbury & Sons	Oct.16,1961	7	8	80	19	•	In	36. Top fill sand stones 32; hard clay 24; red sand 38; soft clay 59; fine red sand 97; hard clay 102; limestone 104. Water at 104.

WELLAND COUNTY	- cc	nt.											
Thorold Twp			о ве	enson	W. Packham	Sep.13,1963	6	25	100	70	Fresh	D	Clay gravel 40; sandy clay 70; muddy red sand 100; clay 140;
	**	16		Chemicals Ltd . Bell	W.A.Lounsbury &	Jun.17,1960	7	20	40	19	,	D,S	hardoen 149; limestone 165. Water at 163. Sand 19; sandy cley 47; stones clay 55; coarse gravel 62. Water
		16	5 J,	. Nelson	Sons	May 23,1961	7	20	60	51	*	ם	at 50. Red sand 36; sandy clay 118; red sand 134; hard clay 149;
	,			. McQueen . Pitkin	W. Packham	Sep. 4,1961 Oct. 4,1961	6 6	20 20	60 50	55 43	:	D D	limestone 150. Water at 149. Clay 30;sandy clay 100;sand 115;gravel 119. Water at 110. Brown sandy loam 10;clay 90;sandy clay 110;sand 115;gravel
		16	5 E.	. Sieloff	R.L. Schooley	Sep.30,1963	5	20	60	60		ם	118. Water at 118. Blue clay 25; sandy clay 90; sand 130; hardonn 155; sand 171;
		17	1 C.	. Kratz		Nov.10,1960	5	15	50	38		ם	gravel 175. Water at 175. Sandy soil 20; fine grey sond 110; sandy soil 157; red sand
		17	1 A.	, Bedell	W.A.Lounsbury &	Sep.23,1960	7	35	52	34		s	198; crsvel 203; limestone 213. Water et 213. Sand 48; sandy clay 117; sand 172; sandy clay 176; limestone 197.
		17	1 A.	. Dekker	Sons W. Packham	Oct. 7,1961	6	20	45	37	*	D	Water at 196. Sandy clay 15; clay 90; clay reddish brown gravel 180; sand
				Green	F. Merritt	Aug.21,1961	6	10	30	23		D	184;gravel 185. Water at 185. Brown grey clay 65;quicksand 95;limestone 103. Water at 102.
				. Lowe . Savage		Jun.25,1962 Jul. 6,1962	6	10	30 35	30		D D	Clay 20; red clay 70; red gravel 92. Water at 92.  Brown clay 25; red clay 70; red gravel 82; grey limestone 97.
						7							Water at 96.
				. Savage . Russell	W.Winger & Son	Sep. 1,1962 Mar. 3,1961	5	18 12	60 42	30 24		D D	Blue clay 30; red clay 84; grey limestone 108. Water at 108. Topsoil 2; brown clay 17; blue clay 59; sand 83; sand stones
413		20	O H	. Vanalstine	*	Aug.19,1960	6	15	24	13	11	D	101;dark rock 113. Water at 102. Topsoil 1;brown clay 16;blue clay 36;sand membles 72;gravel
		21	3 J.	. Nemeth	S,W. Merritt	Jul. 2,1962	5	15	30	27	*	D	83; blue rock 85. Water at 83. Clay 48; clay send boulders 96; shale 98; Niagera rock 116.
	•	21	9 D.	.VandenBosch	*	Aug. 8,1962	6	15	55	19		D	Water at 115. Brown clay 5; sandy clay quicksand 110; clay gravel 114;
	,	22	o C.	. Moccia	W. Packham	May 23,1962	6	20	29	21	,	D,S	Niagers rock 125. Water at 122 and 125. Dug well 20; soft grey clay 50; red sand 100; sand grey gravel
		22	1 J	. Filip	W.A. Lounsbury &	Jun. 2,1960	7	17	40	18	111	D,S	113; limestone 121. Water at 120. Sandy clay 6; blue clay 50; fine red sand 60; fine brown sand
	9	22	1 G	. Radick	Sons	Jun.22,1962	7	17	25	19	**	ם	126;gravel 126;limestone 127. Water at 126;. Hard clay 16;soft clay 104;hard stony clay 116;soft clay 126;limestone. Water at 126.
Wainfleet Twp. Con I		t 4 5 5 5 5 5 5 5 5 5 5 6 11 11 12 12 12 12 12 12 12 12 12 12 12	A W A S A J B S	Pakozdy Goosem Ducharme Pritz Minor Goosen Virag Goosem Juhasz Lindenss Francis Berndt Gibbs Hill	R.L. Schooley  ""  ""  ""  ""  ""  L-Hellborg  F. Merritt  R.L. Schooley	Oct. 7,1960 Jsn.16,1961 Jul. 6,1961 Oct.11,1961 Oct.25,1961 Jun.12,1962 Jun.22,1963 Jul.26,1960 May 22,1963 Jun.18,1963 May 11,1963 May 11,1963 Apr.30,1960	55555665566555655	10 7 10 10 2 15 5 10 10 7 5 10	11 12 9 11 10 32 25 23 19 12 18 16 15 38	11 12 9 11 10 12 12 20 17 19 4 14 12 15 38	Fresh Sulphur  Fresh Sulphur  Fresh Sulphur  Fresh Fresh		Sand 6; clay 17; flint 23. Water at 23. Clay 10; limestone 24. Water at 12. Clay 10; limestone 25. Water at 35. Clay 15; limestone 25. Water at 25. Clay 14; limestone 25. Water at 23. Clay 14; limestone 32. Water at 23. Clay 7; limestone 32. Water at 23. Sand 12; blue clay 33; limestone 41. Water at 41. Clay 9; grey limestone 33. Water at 34. Clay loam 4; loose rock 8; limestone 65. Water at 65. Sandy clay 8; limestone 28. Water at 22. Red clay 8; limestone 28. Water at 28. Sand gravel 12; flint 27. Water at 28. Clay 5; loose rock 14; flint 42; limestone 53. Water at 36. Clay 5; loose rock 14; flint 42; limestone 53. Water at 33.
-		1	.2.	Footnotes giv	ing the meanings of	location abbre	viation	ns and	of symi	ools de	signating	uses	of wells may be found at the end of Appendix C.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLAND COUNTY - Con I Co		J. Hill C. Bender W. Funk J. Kamon R. Trask J. Kilger Jr. G. Boc C. Roesch J. Mackay E. Muranyi J. Davison R. Seitz W. Hambly E.S. Murenyi C. Minor J. W. Nowe N. Biederman J. Semby P. Richter Dr.L.P. Crowley F. Wilson Lekewood Camp E.R. Secord	R.L. Schooley  ""  ""  L. Haliborg R.L. Schooley  ""  F. Merritt R.L. Schooley  ""  W.A. Lounsbury &	May 6, 1960 Aug.11,1960 Aug.18,1960 Aug.18,1961 Jun. 5,1961 Jun. 5,1961 Jun. 26,1963 Jul. 2,1960 May 26,1961 May 30,1961 Jun. 8,1961 Jun. 8,1961 Jun. 8,1961 Jun. 8,1961 Jun. 8,1961 Jun. 6,1962 Jul. 27,1961 Jul. 3,1961 Jul. 27,1962 Feb.18,1963 Jul. 4,1963 Jul. 4,1963 Jul. 26,1963 Feb.28,1963 Feb.28,1961 May 16,1961	METER 566655555555555666666667	TEST  10 66 65 5155 10 77 5155 10 10 10 10 10 10 10 10 10 10 10 10 10	38 1 1 1 1 2 2 4 5 1 0 0 4 5 1 6 6 5 5 0 0 2 2 5 5 1 6	38 11 11 12 12 11 17 10 10 10 10 10 12 26 8 16 8 7	Fresh  ""  ""  ""  ""  ""  ""  ""  ""  ""	WATER*	Clay 5; loose rock 14; flint 42; limestone 53. Water at 53. Sand 7; coarse gravel 12; flint 24. Water at 23. Sand 7; coarse gravel 12; flint 24. Water at 24. Clay 4; loose rock 8; flint 21. Water at 21. Sand gravel 11; flint 26. Water at 24. Loam 5; loose rock 8; flint 24. Water at 24. Loam 5; loose rock 10; flint 32. Water at 32. Sand 7; flint 30. Water at 30. Sand 8; flint 21; loose rock 7; flint 28. Water at 28. Sandy soil 2; loose rock 7; flint 28. Water at 28. Sandy soil 2; loose rock 7; flint 28. Water at 28. Loose rock 7; linestone 20; flint 28. Water at 28. Loose rock 7; linestone 29; Water at 29. Loose rock 4; flint 27. Water at 27. Loose rock 4; flint 27. Water at 27. Loose rock 7; flint 39. Water at 39. Sand gravel 19; flint 39. Water at 39. Brown clay 5; flint 29. Water at 28. Brown clay 5; flint 29. Water at 28. Brown clay 46; flint 80; Water at 80. Red clay 11; sand gravel 15; flint 36. Water at 36. Red clay 11; sand gravel 15; flint 36. Water at 37. Red clay 20; flint 80; limestone 110. Water at 107.
Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I	18 19 20 20 20 20 20 20 20 20 20 20 20 20 20	I.R. Sharpe C. Spurrell M. Williamson K. Augustine H. Augustine A. Anger F.A. Vallon A. Demico W. Mathieson R. Kuipers N.H. Vogele A. Hock A. Demico Ont.Dept. of Highways	Sons R.L. Schooley L. Hallborg Allard Bros. R.L. Schooley  Allard Bros. R.L. Schooley  R.L. Schooley W. Packhem	Apr.28,1962 Jun. 7,1960 Oct.12,1960 Oct.14,1960 Oct.16,1961 Mer.22,1962 May 3,1962 Jul.24,1962 Aug. 3,1962 Oct.6,1962 Oct.13,1960 Oct.15,1960 Jul.28,1962 Sep.30,1963	55225666662266	15 6 2 2 1 1 2 3 8 4 1 2 3 1 4	3 20 10 8 32 30 30 30 30 32 12 9	3 15 10 8 12 12 12 12 22 14 14 12 9 10 29	Fresh Sulphur Fresh	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Soft clay 35; limestone 38. Water at 38.  Red clay 22; hlue clay 34; limestone 39. Water at 39. Clay 9; flint 38. Water at 23. Grey clay 9; grey shale 27. Water at 27. Grey clay 6; grey limestone 32. Water at 35. Clay 6; grey limestone 32. Water at 32. Sandy gravel 6; limestone 43. Water at 43. Red clay 6; limestone 40. Water at 40. Loose rock 8; limestone 29; flint 46. Water at 45. Sand gravel 10; limestone 25; flint 38. Water at 38. Sand gravel 8; limestone 25; flint 40. Water at 40. Grey clay 9; grey shale 31. Water at 28. Clay 9; limestone 29. Water at 28. Clay 5; grey limestone 29. Water at 28. Clay 5; grey limestone 29. Water at 29. Clay 5; grey limestone 59. Water at 57.
OH 111	16 20	G. For A. Purgelis The Bell Telephone Co.	Allard Bros. R.L. Schooley	Dec. 2,1960 Aug.17,1963 Oct.22,1960	2 5 5	5 15 15	19 15 10	12 8 10	Fresh	D,S D,S In	Grey clay 133; grey shale 148. Water at 145. Blue clay 55; sand clay 130; sand gravel 136. Water at 136 Blue clay 55; red clay 90; sand 128; gravelly clay 140; gravel 144. Water at 144.
-011	33	J. Porga P. Sterenberg	M. Deshaies	Aug.10,1961	2			_		D 6	Streaks blue red clay 100; hordban 180; hard rock. Water a 100 and 180.
Con IV	25	H. Loeffen M. Deshales	M	Oct. 5,1961 Sep. 8,1961 Oct.16,1960	2 2 2	5 2	15 15 115	9 8	Salty Fresh Salty	D,S D,S D,S	Red clay 50;grey quicksand 125;hardpan boulders 145;white rock 153. Water at 153. Red clay 75;hardpan boulders 130;gravel 132. Water at 13 Soft brown clay 45;blue clay 105;gravel 120. Water from
	34 36	R. Mercier M.Wellenreiter	F. Merritt	Jul.15,1961 Oct.18,1962	1 to 6	5 10	15 60	8 18	Sulphur Fresh	D,S	105 to 120. Reddish grey clay 75;h rapon 115;gravel 120. Water at 11 Blue clay 30;red clay 125;grey limestone 132. Water at 1

	WELLAND COUNTY .	- 04											
	Wainflest Twn.	-	cont	J. Glessers	M. Desheles	Sep.25,1961	2	5	15	3	Presh	s	Red clay 50; grey quicksand 75; hardpan 138; grey limestone 142.
	Con V			L. Sider	G.A.Dennis & Sons	Jan.26,1961	5	8	18	8		s	Water at 141. Clay 80; sand clay 125; sand gravel 132; limestone 138. Water a
	Con V	*	34	D. Puttmen	Caughell Bros.	Oct.24,1963	5 <del>1</del>	35	15	10		s	at 135. Clay red send 105;herdpan 110;shale 112;rock 118. Water at
	Con VI	*	13	G. Csuka	F. Merritt	Aug. 5,1962	5	12	20	12	Sulphur	D	112 and 118. Blue clay 60; red soft clay 120; grey limestone 124. Water at
	Con VI Con VI Con VII		14 41 32		s.W. Merritt	Oct.29,1962 Dec.31,1963 Dec.31,1960	6 6	10 10 16	20 25 17	6 15 15	Fresh	D S S	124. Blue clay 90; boulders hard backed sand 122. Water at 122. Blue clay 115; grey limestone 122. Water at 122. Dug well 20; clay 120; boulders 123; clay gravel 132; Niagara rock 134. Water at 134.
	Welland City Welland city Welland city			D. Motesk Cameron &Fhin Ltd.	M. Deshaies W.A. Lounsbury & Sons	Nov. 6,1961 Sep.10,1962	2 7	50	16	8	Fresh	F	Brown clay 50; hardpan 100; hardpan broken rock 112; grey rock 130. Pry hole. Stone fill 3; blue clay 80; sandy blue clay 100; limestone 101, Water at 101.
4.	BTF		29 29 29 29	S. Kovoth	S.W. Merritt	Sep.20,1961 Sep.21,1961 Nov.30,1961 Dec. 2,1961	6 6 6	8 10 10	35 40 35 30	22 20 16 17	Fresh	ם ם ם	Clay 40; boulders clay 60; gravel 64. Water at 64. Unity 40; boulders clay 60; gravel 61; grey rack 64. Water at 64. Clay 36; boulders clay 65; shale 68. Water from 66 to 68. Clay 30; gravel boulders sand clay 63; grey rack 70. Water at
	Con V		12	E. Kostuk	W.Winger & Son	Jul.12,1963	6	10	43	29	Sulphur	D,S	69. Topsoil 1;brown clay 19;blue clay 78; gravel 84;brown rock
	C Con		12	P. VanEsch	S.W. Merritt	Oct.16,1961	6	8	40	22	Fresh	D,S	P6. Water et P4. Clay 40; boulders clay 52; Niagara rock 60. Water from 53 to
	PLEGI		17	E. Stewart	W.A.Lounsbury & Sons	Aug.19,1963	7	8	40	9	•	D	60.  Hard brown clay 8;soft brown clay 35;soft blue clay 55;sandy brown clay 65;fine gravel 66;limestone 66g. Water at 66.
	WELLIEGTON COU Arthur Viller Arthur Vig.			A. Harbottle	Durham Drillers	Sep.23,1963	4	18	75	60	Fresh	D	Tonsoil 4;gravel boulders 20;soft grav oley 40;stony gray clay 100;gray sandy clay 115;gray quicksend 150;hard yellow sand 161;hard brown rock 179. Water from 162 to 179.
	Arthur Twp. Con I Con I	lot	4 5	T. Smith D. Moore	WaterWellDrilling	May 4, 1962 Nov. 1,1962	4	8 10	23 14	23 12	Fresh	D,S D,S	
	Con I		21	W. McDonald	Durham Drilling &	Jul. 6,1963	4	20	15	8	•	D,S	Topsoil 3; clay 58; clay sand 70; gravel sand clay 85; fine gravel 95; ouicksand 105; gravel 120; gravel clay 135; gray
	Con I		27	G. Eden	•	Jul.13,1963	4	10	50	32	•	D,S	rock 160. Water from 148 to 158.
	Con III	•	19	P. Little		Aug.16,1963	4	20	30	20	•	D,S	Topsoil clay 10; clay houlders 25; gravel boulders 40; clay sand fine gravel 65; sand gravel 100; brown rock 120; grey rock 135. Water from 120 to 135.
			100										

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCAT	rion 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLINGTON COU	INTY - cont.	<del></del>									
Arthur Twp Con III	lot 19	F. Little	Durham Drillers	Aug.16,1963	4	20	30	20	Fresh	D,S	Topsoil clay 10; clay boulders 25;gravel boulders 40; clay sand fine gravel 65; sand gravel 100; brown rock 120; grey rack
Con III	<b>"</b> 29	N. Kidnie		Dec.20,1963	4	10	40	Flows		D,S	135. Water at 120 and 135.  Open hole 20; brown clay 70; sand gravel 85; brown clay 144; coarse sand gravel 150. Water from 145 to 150.
Con IV	<b>*</b> 13	J. Brown	R.H. Gadke	Dec.28,1961	4	8	25	20		D,S	Ground stone 19; sand 35; hardean 80; gravel 105; brown limestone
Con IV	" 29	E. Small	J.Sauder	ot.14,1960	5	27		Flows	*	D,S	blue clay 105; stones clay 147; cemented sand 151; blue clay
Con V	<b>2</b> 7	O. Ternan	Durham Drillers	Jan.31,1963	4	20	20	•	*	D,S	162; coarse sand gravel 1631. Water at 162. Topsoil 2: clay 75; clay gravel 100; sand gravel 154. Water at 100, 110, 125, and 145.
Con V	* 27	G. Lerchis	*	Aug. 1,1963	4	20	35	15	•	D,S	
Con VI	" 5	H. Rippe	R.H. Gadke	Dec.17,1963	5	10	60	60		D,S	
Con VI	* 9	M. Garvey	WaterWellDrilling	Feb. 5,1962	4	8	25	24	<b>#</b>	D,S	Sand 5; clay 35; herdpan 48; clay 55; gravel 65; brown limestone 80; blue shale 200; brown grey limestone 220. Water at 220.
Con VI	* 23	G. Powell	Durham Drillers	Dec. 8,1962	4	20	20	12	•	D,S	
Con VII	* 22	M. Suggitt	*	Apr.30,1962	4	20	70	60		D,S	Open hole 30; brown clay 100; grey stony clay 135; soft arey clay 165; stony grey clay 175; blue shale 187; hard black rock 213. Water at 200.
Con VII	* 26	V. Griffith	•	Aug.24,1963	4	20	50	40		D,S	
Con VIII	* 3	R. MacDonald	WaterWellDrilling	Nov. 6,1962	4	8	40	40	*	D,S	Dug well 20; sand gravel 204; brown limestone 213. Water at
Con VIII	• 6	M. Qurrie	•	Feb.13,1963	4	8	60	60		D,S	213. Clay 10;gravel boulders clay 80;sand boulders 129;grey brown limestone 168;blue shale 230. Water at 228.
Con VIII	<b>"</b> 18	G. Flannigan	Durham Drillers	Jun.30,1962	4	18	40	30	•	D,S	
Con VIII	* 23	B. Schmidt	WaterWellDrilling	Jan. 7,1963	4	8	22	20		D,S	
Con IX	<b>1</b> 2	L. Lytle	Durham Drillers	Jun. 5,1962	4	16	41	27		D,S	Open well 37; grey clay 50; grey stony clay 65; brown clay 75;
Con IX	<b>2</b> 6	J. Sneadz	₩.	May 25,1961	4	10	50	42	•	D, C	
Con X	* 15	S. VanSchaik	R.H. Gedke	Oct.27,1961	4	8	54	54	•	D,S	
Con XI	* 14	I.MacIntosh	E.A. Kesso	May 30,1963	4	5₺	170	165		D,S	
Con XI	* 20	N. Lewis	Durham Drill	Nov.16,1963	4	12	55	34	•	D,S	
Con XII	* 9	L. Burke	*	Jun.15,1961	4	10	35	27	*	D,S	
Con XII	" 16 " 19	R. Ross S.S. No. 17	G.L. Davidson E.A. Keeso	Jan.12,1960 Oct.19,1962		15 13	89 43	78 41	:	D,S	send 102; grey limestone 135. Water at 131. Dug well 5; sand 18; hardorn 48; shale 126. Water at 126. Clay gravel 31; clay send 67; blue shale 128; blue limestone 137. Water at 137.
OSRE	<b>"</b> 4	H, Weldmen	R.H. Gadke	Sep.15,1961	4	8	28	28		D,S	Clay 7; harden boulders 64; gravel 92; loose brown rock 101; brown limestone 138. Water at 136.

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7	WELLINGTON CO			nt.		1	1						
	OSRE TWP.		t 6	Morrison Estate	WaterWellDrilling	Jan.20,1962	4	8	24	24	Fresh	D,S	Stone boulders 60;hardpen 75;gravel 85;brown limestone 100; blue shale 120. Water at 120.
	CSRE	**	8	W. White	R.H.Gadke	Nov. 1,1961	4	8	60	60		D,S	Clay 15;hardpan boulders 90;blue brown shale 137;brown blue limestone 161. Water at 160.
	OSRE	*	20	CatholicSchool	Durham Drillers	Apr.22,1962	4	15	65	40	Sulphur	P	Boulders 20; blue clay 50; grey stony clay 100; brown sandy clay 135; sand 140; brown clay 180; grey stony clay 204; hard grey rock 244. Water at 230.
	OSRE		26	J. McGaughey	•	May 7,1962	4	20	20	13	Fresh	D,S	Soft grey clay 135; sandy clay 155; brown rock 161. Water at
	OSRE		28	J. McCabe	G.L. Davidson	Apr.19,1962	4	15	32	15		D,S	
	OSRW	*	5	B. Bradly	Durham Drillers	Jul.26,1963	4	12	35	20	•	D,S	Topsoil 4; boulders clay gravel 35; gravel clay 50; gravel send clay 65; fine gravel sand 75; fine gravel 80; dark shale
	OSRW	×	8	B. Mewes	G.L. Davidson	Jan.11,1963	4	10	45	42	•	D,S	
	OSRW		15	J. Stack		Mar. 1,1960	4	15	55	37		D,S	109; brown shale 121; blue brown rock 139. Water at 139.  Dug well 32; gravel sand 70; hardman 85; sand 115; gravel sand
	OSRW		15	R. Brice	R.H. Gadke	Nov.22,1961	4	8	28	28	•	D,S	
	OSRW		17	T.F. Bukowski	Durhem Drillers	Feb. 7,1963	4	12	45	42	•	D,S	115; blue shale 120; blue brown limestone 128. Water at 128. Open hole 28; cley boulders 75; sand clay 100; brown limestone 142. Water from 128 to 140.
ī	OSRW	•	20	Arthur Twp School Area	Sauder Well Drilling	Jul. 3,1961	5	15	46	46	•	P	Tonsoil 2: light brown clay stones 76; soft blue clay 86; stony blue clay 100; brown sand 101; blue clay 121; brown clay stones 170; red clay 188; shale 273; solld brown rock 268; light brown
•	osr¥	•	22	R. Alford	Durham Drillers	Apr.11,1962	4	20	45	33		ם	rock 270. Water at 268. Boulders 20;grey clay 40;brown clay 60;grey stony clay 100; brown sandy clay 135;coorse sand 145;fine sand 160;blue clay 165;blue shale 170;brown rock 173. Water at 170.
	OSRW	*	30	J. McCabe	G.L. Davidson	May 18,1962	4	10	50	34	×	D,S	Clay 8; sand 24; clay 58; hardpan 95; sand 105; stony hardpan 196 grey rock 222. Water at 222.
	OSRW	•	32	D. Fairbairn	J. Sauder	Nov.30,1960	5	18	35	18	•	D,S	Open hole 52; cloy stones 62; blue clay 104; sandy clay 130; sit silty clay 144; hardwan 180; coarse sandy clay 189; brown limestone 190. Water at 190.
	OSRW		35	Penticostel Holiness Camp	HadcoWellDigging	Jun.21,1961	30	4	19	14	•	D	Topsoil 1; brown clay 7; gravel 19. Water from 9 to 19.
	OSRW		35	moliness camp	Durham Drillers	Jul.12,1962	5	25		Plows	•	P	Topsoil 2; clay 105; clay boulders 125; sand 132; gravel 140. Water at 140.
D	royton Villeg												
	Drayton Vill	age		H. Wimminhoe	Durham Drillers	May 27,1960	4	10	5	5	Fresh	D	Topsoil 2; brown clay 6; grey clay 78; hardpan 90; clay stones 115; sand gravel 129; gravel 138; blue shale 141; gravel 142;
	Drayton Vill	age		Wellington County Shop	J.L. Graham	Oct. 7,1960	5	10	20	30	•	P	blue shale 145;brown limestone 159. Water from 146 to 156. Topsoil 1;brown clay stones 10;grey hardon 09;fine sand 98; grey hardon 145;medium fine sand 150;grey hardon 188;
	Drayton Vill	°ge			G.L. Davidson	May 24,1961	4	20	46	26	•	P	coarse sand gravel 197. Water at 197. Topsoil 3; sand gravel 42; hardpan stones clay 138; sand
	Drayton Vill	° ge		F. Kells		Sep.21,1961	4	12	65	60	*	D	hardban 198;brown shale 208. Water at 208. Clay 17;sand 29;hardban 60;sandy gravel 120;hardban 130;
	Drayton Vill	age		W. Plewwelling	•	Oct. 3,1961	4	20		Plows	•	ם	shele 150; brown rock 154. Water at 154. Rough gravel 19; hardpan 40; sand 64; hardpan 92; gravel sand 125; brown limestone 146. Water at 146.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	ON 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLINGTON COUNT Drayton Village Drayton Village	-cont.	R. Bronson	G.L. Davidson	Oct. 2,1962	4	12	70	53	Fresh	D	Sand 20; clay 60; sand 105; hardpan sand stones 161; shale 169;
Drayton Villag		T. McClanshan	Durham Drillers	Nov. 3,1962	4	15	5	4		D	brown rock 172. Water at 172. Topsoil 4; clay 100; clay boulders 120; blue shele 135; brown
Drayton Villag		L.C. McIntosh		Dec. 7.1962	4	18	64	63		D.S	limestone 150. Water from 140 to 150.  Dug well 41:hordpon boulders 62:sandy clay grovel 115;sandy
-19,000 11111							-			•	clay 125; sand 194; brown limestone 203; blue limestone 235. Weter at 225 and 235.
Dravton Villag	ge :	R. Schlueter	G.L. Davidson	Feb.22,1963	4	12	65	59	•	D	Gravel 20; hardpan 55; sand 60 stony hard clay 120; hardpan 190; brown shale 199; brown hard rock 238. Water at 238.
Elora Village Elora Village		H.Neuman &	C. H111	Dec. 9,1960	4	10	60	35	Fresh	D	Clay stone 67; grey limestone 140; white limestone 170, Water
Elora Village		H. Packull K. Howlett	,	Jan. 24, 1961	1	5	80	27	* Tesn	D,S	at 170.
Elora Village		County of Wellington	J. Cudney	Jan. 2,1963		10	15	21	•	D	at 185. Clay 8; white limestone 90. Water at 78.
Eramosa Twp. Con I Gon I	lot 1	G. Miller R. Borghese	C. Hill J.L. Graham	Dec.24,1962 Aug.28,1962	5	20 10	13 60	13 20	Fresh	D D	Shale 48; grey limestone 88. Water at 88. Topsoil 1; brown clay sand 7; brown rock 32; dark brown rock 75. Water at 75.
Con I	<b>"</b> 5	A. Duffield	J. Cudney	Dec.19,1962		7	80	78	•	D	Sand 8; soft limestone 15; hard black rock 85; soft grey limestone 100. Water at 100.
Con I	" 11	R. Veldhuis	C. Hill	Oct.11,1963		5	80	60		D	Clay 70;gravel 96;grey limestone 130;hard brown rock 146.
Con I Con I	" 16 " 16		-	Jul.17,1962 Apr. 2,1963		10	80 85	32 28		D	Clay gravel streaks 90;hard brown rock 115. Water at 115. Clay boulders 80;gravel sand 91;brown limestone 118. Water at 118.
Con I	* 18	F.Stefanowicz		Feb. 3,1962	4	10	65	25	•	D,S	
Con I Con I	" 19 " 23	E. Wheeler J.VanDerKroft	J. Cudney & Son J.L. Graham	Apr.13,1960 Oct.20,1961		12 7	20 70	10 40	:	D	Gravel 35; cemented gravel 42; grey limestone 90. Water at 90. Old dug well 43; clay boulders hardnen 54; light grey stone 126; dryk grey stone 167; dark brown stone 177. Water at 175.
Con I	<b>"</b> 25	A.J. Sampson	•	Oct.15,1962	4	10	50	30	*	D	Pug well 17; brown clay stones 30; grey clay gravel 72; white rock 90; brown rock 107. Water at 107.
Con I	<b>"</b> 26	I.D. Cameron	E.McLaughlin & Sons	Jul. 6,1961	6 <del>1</del>	25	60	36		D,S	
Con I	* 30	R. Pherosh	J. Cudney & Son	May 13,1960	4	12	45	35		D	Fine sand 30; herdpan stone 70; grey limestone 129. Water at 129.
Con I	* 31	A. Wheeler	Ladco Drilling	Sep.18,1962	4	10	105	85		D,S	
Con II	* 1	R. Campbell L. Neville	J.R. Sprowl C. Hill	Feb. 3,1960 May 5, 1960	4 4	20 10	5 25	3 22		D	Black earth fill 4; grey limestone 53. Water at 35 and 48.  Clay 17; shale 40; grey limestone 80. Water at 80.
Con II Con II	* 3	L.G. Weston I. Brown	J.L. Graham C. Hill	Nov.27,1963 Nov.26,1962	4	15	25 70	22 30		D	Topsoil 2; light brown rock 58. Water at 30 and 58. Clay 4; shale clay mixed 32; hard dark grey rock 87. Water
Con II	• 6	J. Checkley	•	Dec.11,1963	4	10	50	30		D	ot 87. Clay 5; brown limestone 45; hard black rock 59. Water at 59.

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E	ramosa Twi Con II	ont. ot 10	G. Swanston	Ladco Drilling	Nov. 2,1963	4	10	38	25	Fresh	D,S	dark grey rock 115; white limestone 135. Water from 130 to
	Con II	* 11	G.L. Smith		0ct.29,1963	4	10	25	18	*	D,S	dark grey limestone 125; white limestone 150. Water from 125
	Con II	* 12	S. Stackleber	•	Peb.24,1961	4	10	58	45		D,S	to 150.  Dug well 40;grey clay 68;medium brown limestone 85;dark  brown limestone 106. Water at 106.
	Con II	<b>1</b> 2	A. Woods	•	Nov. 2,1962	4	10	33	30		D,S	Clay rocks 52; gravel sand 57; rocks 66; clay rocks 72; brown limestone 90. Water at 98.
	Con II Con II	* 12 * 13	G. Summerville S. Skerritt	C. Hill J.L. Graham	Apr.10,1963 May 31,1960	4	12 10	37	10 37		D	Sand 10; gravel 66; brown limestone 97. Water at 97. Topsoll 1; gravel stones 12; brown hardoan gravel 27; grey cley sand 65; light brown limestone 110. Water from 90 to 110.
	Con II Con II	• 13 • 13	A. Southwell W.L. Hartung	C. Hill J.L. Graham	Aug.27,1960 Jan.24,1961	4 4	15 10	40 40	12 37	•	D D	Sand 20;gravel 60;light brown limestone 92. Water at 92. Cemented pit 7;gravel brown clay 35;grey gravel clay 73; light brown rock 110, Water at 110.
	Con II	• 14	R. Cross	C. H111	Apr.30,1960	4	10	50	25		ם	Clay 6; quicksand 15; grevel 79; grey limestone 109. Water at 109.
	Con II Con II Con II	* 14 * 20 * 27	A. Chilver	Ladco Drilling	Oct,28,1960 Oct.18,1963 Sep.16,1962	4 4 4	4 4 9	70 85 36	25 28 34	:	D'2 D	Clay 35; gravel 64; light brown limestone 105. Water at 105. Clay 50; gravel 53; grey limestone 99. Water at 99. Clay rocks gravel sand 24; brown clay rocks 48; gravel rocks
	Con II	. 27	C. Robinson		Dec. 5,1963	4	10	60	45	•	D,S	53; grey limestone 140. Water at 138.  Brown clay rocks 18; grey clay rocks 50; white limestone 195.  Water from 185 to 193.
	Con III	* 1	D. McCalpine	•	Oct. 8,1963	4	10	26	18		D	Brown clay rocks 8; rocks sand gravel 21; white blue limestone 148. Water from 135 to 145.
	Con III Con III	. 2 5	M.W. Wynen E.H. Stoltz	J.A. Sprowl J.L. Graham	Nov.27,1962 Jul.16,1962	4 4	6 10	22 10	22 6	:	D D	Bush earth ligrey limestone 56. Water st 35 and 54. Topsoil 2; light brown rock 10; light grey rock 50. Water from 35 to 50.
	Con III Con III	• 6 • 12	F. Ostrander Stone Church A. Wheeler	J.R. Sprowl J.L. Graham	Dec.17,1960 Jun.14,1962	5 4	15 8	30 40	25 15	:	D,S D	Old drilled well 48; grey limestone 110. Water at 45 and 105. Topsoil 2; brown clay gravel 19; light brown rock 78; dark brown rock 83. Water at 83.
	Con III Con III	• 13 • 13	L.J. Lloyd	C. Hill J.L. Graham	Oct.31,1962 Oct.22,1963	4	3 8	75 55	30 25	:	D D	Clay 35;grey limestone "8. Water at 88. Topsoil 2;brown clay stones 15;grey clay stones 40;light brown rook 98. Water at 73.
	Con III Con III Con III	* 14 * 19 * 20	M. Beath	C. Hill J. Cudney J.L. Graham	Oct. 5,1962 Jul.12,1963 Sep.17,1963	4 4 5	10 10 10	30 65	18 24 60	:	D D D,S	Dug well 18;gravel 22;light brown limestone 88. Water at 88. Yellow clay 55;grey limestone 93. Water at 93. Dug well 40;brown clay sand 63;grey hraben 116;light brown
	Con III	• 22	L. Rehkonen		Jul.24,1963	4	19	30	8		D	rock 143. Water from 125 to 143. Topsoil 1; brown clay stones 4; broken rock light brown 15;
	Con III Con III Con III Con III Con IV	* 23 * 23 * 27 * 29	C.L. Wheeler C. Thring D. Freure	J. Cudney C. Hill J. Cudney J. O'Rourke	May 9, 1961 May 12,1961 Apr.17,1961 Apr. 6,1962 May 2, 1960	4 4 4 5	5 10 20 10	60 40 40 40	44 7 12 27	:	D D,S D,S	light brown rock 65;dark brown rock 77. Water at 77. Dug well 44;clay 50;grey limestone 168. Water at 168. White limestone 70. Water at 70. Sand 25;fine gravel 60;grey limestone 125. Water at 125. Gravel 15;hardpan 55;grey limestone 104. Water at 104. Coarse gravel boulders 16;fine gravel 26;fine sand 36;coarse gravel boulders 71. Dry hole.
	Con IV	. 5		J.L. Graham	Jul.11,1960	4	10	60	47	e e	D,S	Loose fill 3; clay small boulders 28; large stones 58; grev small stones limestone 80; grey stone 106. Water from 100 to 106.
	Con IV	* 3	C. Cook	C. Hill	Jun. 5,1962	4	10	60	30	•	D	Clay 11; grey limestone 85. Water at 85.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

-	LOCATI	OM i		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	GTON COUN												
Eram Con	IV Twp	cont		R. Edwards	J.R. Sprowl	Jan. 4,1962	4	8	18	16	Fresh	D	Topsoil 3; black flint 50; mixture black grey rock 68. Weter at 35 and 65.
Con	IA	*	4	Loren Guild	•	Jan.12,1962	4	7	70	64	•	D	Drilled well 68; limestone 118. Water at 100 and 115.
Con	IV		4	c/oD, C. Calder A.E. Crabtree		Peb,23,1963	4	5	55	50	W	D	Topsoil 3; black flint 55; grey limestone 102. Water at 75 and
Con	IA		4	K. Miller		Mar. 2,1963	5	6	55	50		D	Old drilled well 57; grey limestone 117. Water at 100 and
Con	IA		4	P. Weymen	•	Peb. 9,1963	4	5	50	45		ם	112. Topsoil 2;derk grey limestone 50; light grey limestone 90.
Con Con			5 5	K. Murray J. Gordier	C. Hill J.R. Sprowl	Jun.29,1960 Feb. 2,1961	4	10 7	30 70	28 35	:	D D	Water at 54, 75 and 85.  Clay 3;brown limestone 50;hard blue rock 95. Water at 95.  Topsoil 4;dark rock 50;blue hard limestone 93;light grey limestone 110. Water at 40, 95 and 105.
Con	IA		5	C. Croft	•	Peb.15,1961	4	8	70	35		D	Topsoil 5;dark rock 50;blue hard limestone 96;light grey
Con	IV		5	H. Cooper	`#	Jan. 26, 1962	4	10	80	70		۵	limestone 117, Water at 42, 93 and 115. Topsoil 6;grey limestone 30;hard blue limestone 100;white limestone 116. Water at 80, 105 and 115.
Con		*	5	H. Googers	C. Hill	Feb.21,1962	4	8	100	70		D	Clay loam 6; grey limestone 138. Water at 138.
Con		¥	5	J. Peart Rockwood Park GrandValleyCons	J.L. Graham	Jun. 9,1962 Jul. 4,1963	5	30	60 96	20 64		P	Gravelly clay 10; bluish grey limestone 75. Water at 75. Topsoil 4; broken limestone 97; light grey limestone 183; grey black limestone 196; blue shale 204. Water from 190 to 199.
422 Con	IV		5	Authority Rockwood Vlg.		Sep. 4,1963	5	10	30	10		P	Clay fill stones 4; white limestone 62. Water at 62.
Con	IV	•	5	Hell Pearl's		Oct. 4,1963	5	15	30	30	•	D	Well pit 4; fill 7; light brown rock 64. Water at 64.
Con	IA		6	Variety Shop J. Sargent	F.M. Dennis	May 2,1960	7	10	45	15½	•	D	Brown clay 3%; hard grey rock 72%; limestone 75%. Water at 38
Con Con Con	IV	:	6 6 7	E. Barlow T. Funk E. Bonner	C. Hill J.R. Sprowl D.P.Jacobson	Jul.20,1961 May 29,1962 Mar.16,1960	4 6	6 18 20	70 25 22	30 6 17	:	D D	and 75. Fill 8; clay 34; blue grey limestone 86. Water at 86. Topsoil 5; grey limestone 51. Water at 25 and 51. Topsoil 1; stones sand 12; medium gravel 20; brown clay gravel
Con Con			22 23	E.C. Allen F.J. Jolly	J. Cudney J.L. Graham	Jul.10,1961 Nov. 7,1961	4 5	5	60 95	35 60	:	D,S D,S	27; limestone 42. Water at 40. Dug well 38; stony clay 70; grey limestone 153. Water at 153. Topsoil 2; brown clay stones 20; grey hardpan 69; light brown rock 165; dark brown rock 200. Water from 115 to 199.
Con Con			23 25	J. Dyble H. Harper	C. Hill J.L. Graham	Oct.24,1962 Oct. 7,1963	4	5 12	50 45	23 30		D,S	Clay 40; cemented gravel 73; grey limestone 128. Water at 128.
Con	IA		27	K. Wietzke	J. Cudney	May 22,1963	4	9	60	18		D	Stony growel 10; sendy clay 63; soft limestone 140. Water at 140.
Con	IA		30	L. Bowles	* *	Oct.12,1962	4	10	25	17		D	Sandy clay stones 40; fine sand 50; grey limestone 123. Water at 123.
Con	v		4	N. Brain	J.R. Sprowl	Aug. 6,1960	4	4	30	20	*	D	gravel clay 10; rock clay mixed 20; blue limestone 74. Water at 52.
Con Con Con	V		4 4 5	A. Root H. Bolton D. Nelson	C. Hill J.L. Graham	Dec.12,1960 Aug.24,1961 Sep.12,1963	4 4 5	8 7 10	35 50 50	27 4 30		In D D	Black shale 60; blue limestone 82. Water at 25 and 80. Clay 3;grey limestone 58. Water at 58. Topsoil 1; brown clay stones 9; light brown rock 55; dark grey
Con Con		*	6	A.B. Boot Stag Lubricant	C. Hill J.R. Sprowl	Jun.14,1960 Dec.29,1960	4	12 8	50 25	20 21	:	D In	rock 74; light grey rock 90. Water at 76. Clay 45; black shale clay 68; grey rock 119. Water at 119. Gravel boulders clay 17; black flint 70; grey limestone 78%.
Con Con		*	6	S. Rowlandson M. Heatherson	C. Hill	Jul.24,1961 Aug.23,1963		10 10	40 40	28 18	:	D D	Cley 30;gravel 40;hard grey rock 66. Water at 66. Cley 10;gravel 25;shale 40;brown limestone 86. Water at 86.

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	Con V	×	7	Camp Brebeuf	J.L. Graham	Jul.18,1961	10	50	55	42	•	P	rock 62. Weter at 62. Clay loem fill 7;clay smell loose stones 20;herd becked send 40;brown stone 52;light grey stone 178. Water from 150 to
	Con V	•	10	F. Johnson	C. H111	Nov.28,1963	4	9	70	25	•	D	178. Clay gravel 6;ouicksand 14;stony clay 60;grey limestone 105. Water at 105.
	Con V		13	County of Wellington	J.L. Grehem	Sep.15,1960	5	10	10	2	*	P	Stones clay 10;grayel 13;light brown rock 35;dark brown rock 65;blue grey rock 106. Water from 100 to 106.
	Con V Con VI	*	31 1	F. Schimmel Ont.Dept. of	J. Cudney J.R. Sprowl	Nov.16,1961 Jul.29,1963	5	10	60 70	20 36		D,S P	Stony clay 80; grey brown limestone 145. Water at 145. Boulders gravel 21; white limestone 130; bluish limestone 153.
	Con VI	•	21	Highways J. McDougal	Ladco Drilling	Dec.10,1962	4	10	15	10	•	D,S	Water at 65 and 150.  Clay rocks 16;gravel 24;clay rocks 9?;dark limastone 204; white limestone 234. Water at 233.
	Con VI	*	25	H. Cox	•	Nov.11,1963	4	8	65	38	•	D,S	Brown clay rocks 12; afey clay rocks 55; light prey limestone 160; brown limestone 180; black rock 200; dark grey rock 220.
	Con VI	•	20	L. Vreugdenhil	J. Ordner	Jun. 9,1962	4	6	60	20		ם	Weter at 95, 160 and 218. Previously drilled 117; grey limestone 169. Water at 169.
	Con VI			J.S. Talbot	v. duney	Nov.22,1961	Ĭ.	10	40	29 13		Ď	Gravelly clay 70; grey limestone 110. Water from 100 to 110.
	Con VII	•	8	A. McPherson	Laico Drilling	Sep.16,1963	4	10	60	56	•	D,S	Brown sendy clay 10; and 25; grey clay rocks 133; light grey limestone 135. Weter from 133 to 135.
	Con VII		11	O.H. Parker	J. Qudney	May 25,1962	4	5	70	15		D	Stony surface clay 4; white limestone 165. Water at 165.
423	Con VII		12	Church of Christ	J.R. Sprowl	Aug.20,1960	4	5	40	7	•	P	Topsoil 2; grey limestone 25; black rock 75; blue limestone 88. Water at 25, 82 and 85.
ü	Con VII		12	G. Hilton	J.L. Graham	Aug.22,1962	4	8	60	38	•	D,S	Dug well 38;grey clay gravel 58;light brown rock 105;medium brown rock 127. Water from 105 to 127.
	Con VII			A. Hume	J. Cudney	Jun. 7,1962	4	5	70 30	8 <del>1</del>		D	Stony clay 24; grey limestone 147. Water at 146.
	Con VII	•	14	A, Pinley	J.L. Graham	Aug.31,1961	4	10	30	16		D	Hard brown clay 8; fine brown sand 10; sand clay 30; hardpan 36, broken rock 44; light brown rock 87; grey brown rock 106; dark
		-			J.c.0'aourke			,		1 22			brown rock 115. Water from 110 to 115.
	Con VII		15	G. Kay A. Lillie	J.L. Graham	Jul.11,1963 Dec. 3,1960	5	10	30	25		D,S	Dug well 9; limestone 39. Water at 38.
	on vii		1/	A. Dillie	o.p. dramam	Dec. 3,1900	-	10	40	20			Topsoil 2; brown clay gravel 30; light brown rock 90. Water from 85 to 90.
	Con VII		19	L. Smeltzer	J. Cudney	Nov.15,1962	4	6	75	65		D.S	Stony clay 158; grey limestone 168. Water at 166.
	Con VII			J. Stephenson		Aug.17,1963	4	15	75 25	22		Ď	Dug well 20; clay 60; grey limestone 100. Water at 100.
1	Erin Two.							1	1	1			
	Con I	lot	1	H. Lloyd	J.R. Sprowl	Sep.17,1962	4	6	50	30	Fresh	D	Topsoil 8; grey limestone 82. Water at 42 and 79.
	Con I		1	J. McMullen		Jan. 5,1963	4	5	50	30 13	•	D	Toosoil 25; hard erey limestone 42; light erey limestone 68.
	Con I		4		*	Jan.11,1963	4	6	15	8		D	Water at 42 and 66.
	SOIL T		•	~~.		-an.11,190g	~		15	C		,	Topsoil 5;herd grey limestone 37;light grey limestone 61. Water at 37 and 59.
	Con I		1	K. Maxwell		May 6,1963	5	35	6	5	*	S	Stony gravel 8; clay gravel 21; srey limestone 77. Water at
	0 7	-			-								42, 63 and 75.
	Con I		5	C.J. Altkens		Jan.10,1961	4	10	35	30	-	D,S	Old dug well 22; clay gravel stones 85; limestone 132. Water

12 15 45 35

Fresh

D

at 118 and 125.

Clay 35;gravel 45;grey rock 75. Water at 75. Rough gravel huge boulders 14; clay black shale 23; hard black rock 62. Water at 62.

Dug well 29; grey clay hardpan 58; sand gravel 60; dark brown limestone 92; light grey limestone 140. Water from 130 to

Brown clay rocks 10; light grey clay rocks 60; grey limestone 120. Water at 65 and 115.

WELLINGTON COUNTY - cont. Eramose Twp. - cont. Con V lot

Con V

Con I

Con I

lot 6

. 6

B. Kelly

R. Gidden

R. Ellis

" 15 T. Phelan

• 11

C. H111

J.L. Grahem

Ladco Drilling

Oct. 1,1963 Dec. 3,1963

Nov.29,1960

Jul.24,1963

65

50

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12

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCAT	TION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
		COUNTY											
Con	Iwp		20	G. Bredford	J.L. Graham	Oct.10,1961	5	10	16	12	Fresh	D,S	Dug well 30; grey hardpan 76; grey clay sand 85; dark brown
Con	I	٠	30	P. Miller	•	Mer. 2,1963	4	10	100	75	•	D,S	rock 105. Water at 105. Old dug well 57; hard backed send 74; clay small stones 107; hardpen stones 140; brown limestone 168; light brown limestone 209; grey limestone 220; light grey limestone 226. Water at 226.
Con			1	G.H. Shields	J.R. Sprowl	Sep.12,1963	5	12	17	15			Gravel clay stones 32; grey limestone 99. Water at 45 and 95.
Con			5	A. Christensen G. Jackson	J. Cudney J.L. Graham	Apr. 5,1963 Sep.27,1962		15 10	80 80	15 5 45	:	D D	Gravelly clay 30; sand 40; grey limestone 70. Water at 70. Dug well 14; gravel 16; brown clay stones 60; grey clay 75; m
Con	II		10	A, Sincleir	O.H. GOW	Nov.25,1960	4	12	50	40		D,S	medium brown rock 115. Water at 115. Clay boulders 16; clay 90; cemented gravel 120; limestone 170. Water at 170.
Con :	11	*	13	G. Cooke	J.L. Graham	Peb. 2,1961	4	6	130	88	•	D	Dug well 25; fine brown sand 35; clay small stones 85; brown sandy clay 120; sandy gray clay 155; fine sand 160; broken rock 180. Weter st 220.
Con Con			13 14	J.VanDerVlugt A. McCree	J. Cudney J.R. Sprowl	Aug.27,1962 Sep.17,1960		15 8	30 45	15 12		D D	Stony clay 50; grey limestone 78. Water at 78. Clay gravel 25; clay grevel boulders 35; layers rock clay 46; dark limestone 82. Water at 75.
Con :	II	*	14	R. Grundy	Ladco Drilling	Sep.20,1963	4	10	18	65		D	Brown clay 23; send 30; grey clay rocks 97; light grey limestone 103. Water from 101 to 103.
Con		*	15	A.B. Clarke		Jul.30,1963	4	10	45	40	:	D,S	Brown clay 12:grey clay rocks 75:sandstone 92. Water at 88.
Con	II II		16	W. Awrey J. Sharples	J. Cudney C. Hill	Aug. 1,1962 Mar.22,1961	4	15 3	30 60	22 8		D	Clay 60; coarse sand 75; hard black rock 107. Water at 107. Dug well 13; clay 64. Water at 64.
Con			22	K. Hammond	J.L. Graham	Aug.26,1963	5	12	80	75	•		Toosoil 1; brown clay grovel 28; grey clay 98; brown clay 112; grey clay grovel 119; medium brown limestone 153. Water at
Con :	III	•	1	Ont.Dept. of Transport	*	Dec.12,1962	6	10	90	80		P	153. Tonsoll 1;brown clay stones gravel 47;brown clay fine sand 54;fine sand 65;brown clay fine sand 83;grey clay 94;brown medium fine sand 108;gravel gray clay 122;dark brown rock 150; Water at 132 and 148.
Con			2 14	B. Thompson	O.H. Gow	Nov.1, 1960	5	10	57 15	45 15	:	D	Clay boulders 50;gravel 35. Water at 85.
Con :				P. Drozde	J.L. Graham	May 26,1960	4	10					Topsoil 2; large stones gravel 8; light brown limestone 50. Water from 40 to 50.
Con :			14	B. Drozde	•	Jun.14,1960	4	4	40	15		D	Topsoil ?; gravel stones 12; light brown rock 50. Water from 40 to 50.
Con :	III	•	14	E. Melish		Jun.19,1960	4	12	18	16		D	Topsoil 1; brown clay gravel 9; brown limestone 50. Water fro
Con :	III	•	14	G.B. Grundy	•	Jan.16,1962	5	10	100	60		D,S	Clay boulders 40; soft stone clay 84; large boulders clay 90; hard blue clay 95; brown shaly rook 142; dark brown stone 164 Water from 145 to 162.
Con :	III	*	15	A. VanDerHeide	Ladco Drilling	Jun.14,1963	24	3	15	1	*	D	Brown clay rocks 8; grey clay rocks 40; sentstone 60; light
Con	III	*	27	C. Beamy	*	Feb. 1,1963	4	10	60	56	*	D,S	grey hard limestone 140. Water at 50 and 135. Sand clay layers 80; clay rocks 135; grey limestone 190.
Con	III		28	R. Webber	J.L. Graham	Jun.11,1963	5	10	110	76		D,S	Water from 186 to 190. Old dug well 50; fine sand clay 130; clay stones 152; light brown stone 190; dark grey stone 231; dark brown stone 238. Water at 236.
Con :	IV		1	W. Shepherd	J.R. Sprowl	Jun.18,1960	4	20	12	8		מ	Cloy gravel mixed 28; blue limestone 54. Water at 39, 48 and
Con Con	V	:	28 1 13	E. Lane D. Debour D. Woodcock	Ledco Drilling J.O'Rourke J.L. Groham	Sep.25,1962 Mar.19,1962 Dec.18,1963	5	10 10 10	35 6 60	26 6 28	*	D,S D D,S	52. Clay rocks 119;grey limestone 135. Water at 134. Coarse gravel sand 35;grey limestone 52. Water at 30 and 47 Old dug well 25;boulders clay 38;stony hardnen 74;hard proked sand 78;brown rock 108;dark rock T49;light brown stone 156. Water at 154.

	ELLINGTON COUNTY		cont	i.									
1	Erin Two cont Con V	lot	17	P. Marshall	J.L. Grahem	Dec.21,1960	4	10	65	40	Fresh	D,S	fine sand 150; light brown limestone 169; dark brown limestone
	Con V		20	F. Muirhead	Ladco Drilling	Dec. 7,1963	4	10	75	73	•	D,S	179. Water from 169 to 179.  Brown clay rocks 15; grey clay rocks 122; white limestone 125.  Water from 123 to 125.
	Con VI		4	L. McLean	J.R. Sprowl	Apr.25,1963	4	7	45	36	*	D,S	
	Con VI	•	18	K. Graham	J.L. Graham	Sep.21,1962	4	10	35	45	•	D,S	Topsoil 1; brown cley 11; grey hardnen 65; cemented gravel 90; grey hardnen 124; light brown rock 147; dark brown rock 148. Water at 149.
	Con VII	•	1	Ballinafad Comm. Hall	J.E. O'Rourke	Jun.26,1962	6	10	25	20		P	Brown sand 5; limestone 50. Water at 25.
	Con VII		18	E. Sommerville	Ladco Drilling	Feb.13,1963	4	10	28	26	•	D,S	Clay rocks 30;gr vel sand 45;sand 75;hard sandy clay 100; dark brown limestone 105. Water from 100 to 105.
	Con VII		19	N. Orr	J.L. Graham	Dec.19,1960	4	10	80	60	*	D,S	Clay small boulders 40; brown hard clay 86; stony clay 144; brown rock 150; dark brown rock 172, Water from 160 to 172.
	Con VII	*	20	P. Marshall	•	Jan. 4,1961	4	10	40	14	•	D,S	Boulders sandy clay 49; gravel hard clay 68; fine hard precied clay 75; brown sand 80; slaty rock formation very dark brown rock 105; dark grey rock 120; light grey rock 130. Water from 115 to 130.
	Con VII	*	22	W.R.H. Gear		Aug. 9,1963	5	10	50	25	•	D	Topsoil 1; fine brown send 34; gravel 35; fine send 42; fine sand grey clay streaks 50; medium brown rock 69. Water at 69.
-	Con VIII Con VIII		1 3	H. Shortill A. McEnery	J.R. Sprowl J.E. O'Rourke	Jun.14,1962 Dec. 5,1963	6	20 1?	25 55	5 17	:	D D,S	Grovel sand 25;limestone 71. Water at 42, 63 and 66. Brown clay 19;sandy clay 60;hardon 79;limestone 84. Water at 82.
25	Con VIII Con VIII Con VIII Con VIII	:	8 13 13 16	R. Maxwell BrisbaneSchool H. Boyles	R. Maxwell J.E.O'Rourke J.L. Graham	Jun.26,1961 Jul.17,1961 Feb.28,1962 Aug. 6,1963	5 5 5 5	10 12 10 10	54 55 110	22 8 8 105		D P P D,S	Dug well 22; grey clay 30; fine gravel 64. Water at 64. Brown sand 8; coarse gravel 35; fine gravel 62. Water at 35. Rock 60; fine gravel 77; limestone 90. Water from 85 to 90. Topsoil 2; brown clay stones 55; fine cemented sand 70; cemented gravel 83; fine silty brown sand 105; fine silty grey sand clay seems 168; fine gravel 169; light grey hard rock 170.
	Con VIII	*	17	H. Reilly	*	Jan.16,1961	4	10	40	28	•	D	Water at 170.  Dug well 50;grey clay boulders 85;clay fine sond 120;gravel clay 130;light grey limestone 155;black blue limestone 170.  Water at 160.
	Con VIII	m	25	R. McPhee	•	May 20,1960	4	10	24	14		D	Coarse sand gravel 45; fine send gravel 66; light brown limestone 85. Water from 70 to 85.
	Con VIII		25	Twp of Erin	*	Mar. 21,1961	5	10	40	20		P	Sandy brown cley 40; coarse gravel 60; boulders gravel 70; brown limestone 97; dark brown limestone 98. Water at 97.
	Con VIII	*	29	A. McDougel	Ladco Drilling	Jan.10,1963	4	8	80	75	•	D,S	Clay rocks ':rocks 12; sand small clay lawers 125; clay rocks 145; gravel 149; light grey limestone 168. Water at 166.
	Con IX		11	J.C. Turney	J.L. Grahem	Jul. 3,1961	4	10	15	5		D	Topsoil 2; brown clay stones 18; light brown rock 49; light brown clay 51. Water from 21 to 50.
	Con IX	*	13	N. Kozitsky	-	May 14,1962	5	6	30	6		ם	Topsoil 1; boulders gravel 28; onerce sand 32; grey clay 39; light brown rock 62. Water at 62.
	Con IX	*	13	Ont.Dept. Of Hishways		Dec.20,1962	7	15	30	9		D	Topsoil 1;stones clay 12;brown clay gravel 23;brown fine sand 52;reddish brown fine sand 97;grey clay coarse gravel 117;light grey rock 120. Water at 120.
	Con IX		16	Erin Golf Course	Ladco Drilling	Apr.25,1963	4	10	55	53	•	P	Clay rocks 138; light grey limestone 138. Water from 217 to 218.
	Con IX		17 23	P. Rowe	J.E.O'Rourke Ladco Drilling	Sep.11,1961 Nov.19,1962	5 4	25 10	33 95	30 90	:	D,S	Hard grey clay gravel 40; limestone 83. Water at 45. Clay rocks 26; sand 37; clay rocks 147; grey limestone 150. Water at 148.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

-	FOC	CATION	1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLIN Erin Con	Twp	CONTY cont.		K. Reid	J.L. Graham	Apr.28,1961	5	10	97	68	Fresh	D,S	Dug well 73; clay boulders 90; clay gravel 110; clay small stones 122; brown shale rock 148; light brown rock 192; derk
Con	IX		* 32	D. McFee	Ladco Drilling	Aug.20,1962	4	8	60	29	•	D,S	grey rock 204; light grey rock 206. Water from 180 to 206. Clay 35; sand 55; clay rocks 70; sand 105; clay rocks 154; grey
Con	IX		* 32	W. McFee		Oct. 5,1962	4	6	75	50		D,S	limestone 165. Water at 164. Clay 25;send 80;cemented gravel 115;clay rocks 158;grey
Con	x		- 4	K. Kirkwood	J.E.O'Rourke	Nov. 8,1962	6	7	70	18		D	limestone 195. Water at 194.  Red sand 32; brown limestone 26; blue limestone 70; brown
Con	x		• 6	s.s. # 1	Ladco Drilling	Sep. 8,1962	4	6	50	20	*	D	limestone 72. Water at 26 and 72. Clay rocks gravel lawers 40; light grey limestone 90. Water
Con	x		• 6	B. Appleby	J.E.O'Rourke	Jun.20,1963	6	10	20	4		D	at 89. Brown clay 20; brown send 35; ouicksend 45; sendy grevel 51;
Con	x		• 7	G. Leslie		Jun.12,1963	6	8	35	8		D	limestone 64. Water at 60. Brown clay 15; brown sand 25; sandy grave; 60; limestone 65.
Con	х		• 11	A. Perryman	R.H. Gadke	Peb. 16, 1961	4	5	35	20		D	Water at 65. Top clay 2; brown clay boulders 50; grey limestone 80. Water
Con	x		* 18	J. Baldwin	Ladco Drilling	Feb. 15, 1963	4	8	45	23		D,S	
Con	X		<b>2</b> 1	L. Montgomery		Sep.30,1963	4	10	58	53		D,S	
Con	X		<b>"</b> 38	W. McFee	J.L. Graham	Aug. 2,1962	5	15	80	32	•	D,S	stony hardpan 154; brown limestone 184; dark grey limestone
Con	x		* 32	A. Smith	WaterWellDrilling	Dec.10,1962	5	7	80	80		D,S	
Con Con Con Con	XI XI		" 8 " 12	J.R. Gilpin A. McPherson N. Armstrong H. Meek		May 5,1962 Aug. 6,1962 Sep.15,1962 Dec.23,1961	5	8 3 4 8	15 30 34 45	12 30 34 45	:	D D,S D,S	197;brown limestone 216. Water at 215. Topsoll 4;grey limestone 70. Water at 30, 63 and 65. Topsoll 2;boulders 30;fine sand 80;provel 107. Water at 107. Brown clay boulders 18;sand gravel 60. Water at 42. Old dug well 42;sand quicksand 75;grey limestone 114. Water at 85, 105 and 110.
Con	XI		* 31	N. MacLenner	C. Smith	Aug. 7,1962	4	6	80	65		D	Dug well 45;coorse sand 65;sendy brown cley 89;hard clay boulders 128;rr-vel stones clay 174;limestone 190. Water from 174 to 190.
Con	XI		<b>"</b> 31	A. Rowan	Ladco Drilling	Oct.25,1963	4	10	50	45		D,S	Silty cley rocks 25; send 110; send rocks 157; rocks 165; brown limestone 176. Water at 174.
Con	XI		" 32	M.C. Simpson	J.L. Graham	Oct.30,1962	5	10	100	74	-	D.	Stony hardpan 10; rey sort clay 165; stony clay sond 230; fine gray sond 236; dark grey rock 280; light grey rock 312. Water at 310.
	oh City ph Cit			National Standard Co.	J.L. Grahem	May 24,1960	12	140	150	3	Fresh	In	Brown clay boulders 18; brown limestone 75; white limestone 140; light grey stone 210; alternating blue white brown 240; blue white stone 292; blue stone 314; blue shale 316. Water
Guel	ph Cit	y		Dr.D.C.	•	Sep.27,1960	4	10	105	95		D	from 190 to 314, Topsoil 2; brown cloy stones 40; fine brown send 50; gravel
	ph Cit			Paylor Bros. D.E. Hasting	C. H111	Jun.22,1961 Sep. 7,1961		5	40 100	6 75	:	€ D	sand 90;derk brown rock 143. Water et 143. Muck 13;grey limestone 50. Water et 50. Clay 40;greyel 50;cley 85;greyel send 101;grey limestone
Guel	ph Clt	Ţ		City of Guel	International Water Supply Ltd.	Jul. 8,1963	10	60	16	14	•		135. Water at 135.  Boulders coarse gravel 6; boulders clay gravel 18; coarse gravel 22; blue clay gravel 26; hard blue clay #3; coarse 63; clay gravel 71; gravel 75; gravel clay 81; light gray limestone 83. Water at 18.

	ELLING Guelph Guelp	Cit	y - c			Y.	J.L. Grehem	Sep.13,1963	12	240	9	5	Fresh	In	Stony fill 13; black rock 64; dark gray rock 152; dark brown rock 158; blue limestone 190; blue shale 194. Water at 154, 173 and 190.
	Guelph Div.F Div.F	. Con	I	lot	2	D. Menera E. Mitchell	C. Hill J.L. Graham	Nov.22,1963 Dec.17,1963	4 5	6 15	70 70	30 56	Fresh	D D,S	Clay 55;grey limestone 140. Water at 140. Topsoil 1;brown clay gravel 32;grey hardoan 58;light brown limestone 85;white limestone 106;brown limestone 132. Water
	Div E	3. Con	I	Ħ	16	A. Anderson		Nov. 7,1963	5	10	60	32		D	old dug well 40; clay stones 117; clay fine send 122; cemented gravel 134; dark grey stone 180; grey brown stone 196. Water from 180 to 194.
	Div E					C. Lamont C.A. Lamont	Had co Well Digging	Oct.15,1963 Oct.14,1963	271 272	2 1	15 23	5 1?		D,S	Topsoil 1; brown clay 6; gravel 18. Water at 8. Concrete \$; brown sand gravel boulders 13; blue clay rocks 24. Water at 12.
	Div B	Con	II		19	J. Guss	N. MacLean	Nov.11,1963	4	6	41	40	**	D,S	Dug well 26; hordpan 74; sand gravel 79; sandstone rock 112. Water from 100 to 112.
	Div E			**		H. Ferguson Superior Propage Ltd.	J.L.Graham	Mar.28,1961 Sep.23,1963	5	10 12	45 60	40 44		D In	Tobsoil 1; sand gravel 14; light brown rock 76. Water at 76. Fill 3; fine sand 24; stony hardban 52; brown dark brown clay 107; 11; his brown clay 152. Water at 148.
427	Div.E	G Con	III	10	8 10	N. Weber K.F.Pstmore	C. Hill J.L. Graham	Oct.15,1963 Dec.3, 1962	4 4	15 10	35 32	21 30		D,S	Cley 28; rrey limestone 86. Water at 86. Topsoil 2; brown cley gravel 18; crey clay gravel #3; corrse gand 45; grey clay gravel 69; grey rock 8; brown rock 107.
~	Div.E	Con	III	*	12	D.G. Taylor	C.& H. Kerr	Oct.10,1960	4	15	80	60		D	Water at 107. Boulders 30;hordpan 60;boulders clay 98;shale 107;limestone 144. Water at 140.
	Div.	Con	III	rt	16	D.W. Herris	HadcoWellDigging	Jul.17,1961	30	4	19	6		S	Topsoil 1; brown clay 4; gravel 8; blue clay 16; gravel 17; blue
	Div E	Con	III	n	19	S. Reinhart	N. MacLean	Nov. 1,1963	4	12	35	50		D,S	clay 19. Water from 4 to 2 and at 16. Fill 2;gravel boulder 25;brown clay sand 52;yellow clay 74;
	Div E Div.E Div.E Div E	Con Con	IV	# # #	2	G. Westcott H. Scheide F: Prigione N. C. Hopkins	J. Cudney C. Hill J.L. Grehem C. Hill	Jun.28,1960 Oct.19,1961 Jun.24,1960 Jun.13,1961	4 4 4	12 5 6 7	35 80 80 80	25 37 30 36	e e e	D,S D D	brown clay stone 83; white rock 122. Water at 120. Gravel 25; sandy clev 95; prey limestone 115. Water at 115. Sand gravel 30; grey limestone 132. Water at 132. Sandy loam 4; clay sand 20; clay stones 29; brown limeatone 35; Clay 50; fine sand 60; clay 83; dark prey rock 100; white
	Diw E	Con	IV	ж	8	L. Jones	J.L. Graham	Nov.2, 1963	4	8	35	28	*	D	limestone 154. Water at 154. Dug well 8; brown clay grovel 15; grev hordbon 37; gravel clay seems 56; light grey medium soft rock 98; dork grey hord rock
	Div B	SWR		n	11	C, Hawks	#	Dec.27,1960	24	8	64	40	15	D	116, Water at 116. Topsoil 1;gravel fine sand 14;light brown limestone 76. Water
	Div E Div C	Con	I			R. Ortheb Ont.Reformator	C. Hill C. Goodberry	Jul. 5,1960 Feb. 7,1962 Apr. 27,1962	4 6 10	8 33 108	70 33 20 <del>}</del>	33 20 <del>1</del> 4	Sulphur Fresh	D P P	from 69 to 76.  Sand stones 14; white limestone 110. Water at 110.  Gravel 72; limestone 137. Water at 30, 69 and 108.  Clay boulders 27; gravel clay 38; gravel 50. Water from 38 to 50.
	Div.			19	6	M. Poole Ont.Reformatory	C. Hill C. Goodberry	Nov. 8,1960 Apr.12,1962	6	6 40	50 13	30 1½	Sulphur		50. Gravel 8;hard black rock 65. Water at 65. Sand 42;dark limestone 64;grey limestone 74. Water at 8, 10,
	Div (	Con	II	М	5	*	*	Feb.26,1962	6				*	N	49 and 64. Topsoil 1:gravel boulders 18;gravel 68;grey limestone 123.
	Div (	C Con	II II		5	*	:	Mer. 7,1962 Mer.16,1962	6		i I			N N	Water at 121. Sand 4; clay gravel 47; blue limestone 58. Water at 50. Topsoil 1; clay boulders 11; blue limestone 63. Water at 21 and 56.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION	ı ı	OWNER	DRILLER	COMPLETION	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINGTON COUNTY											
elph Twp co lv C Con II	nt. lot 5	Ont , Reformatory	C. Goodberry	Mar. 16,1962	6				Sulphur	P	Topsoil 1; clay boulders 11; blue limestone 63. Weter at 21 an
nv C Con II	* 7	J. Hannaberg	J.L. Granam	Aug. 17, 1960	4	12	55	30	Fresh	D	Growel brown cley 15; brown hardben 26; 11: ht brown rock 33;
oiv C Con II	* 7	B. Thiessen	•	Mar,23,1962	4	7	70	35		מ	derk brown rock 72;bleck rock 82. Water from 72 to 82. Topsoil 2;brown clay gravel stones 17;brown clay coarse send 28;grovel sand 31;light brown rock 48;medium derk brown rock
iv C Con II		J.R. Pyfe		Aug. 3,1961	4	10	22	18		D	82. Water at 82. Fill 3; medium brown rock 35; dark brown rock 60. Water at 58.
Div C Con II		Hervey's Poultry Ferm	J.R. Sprowl	Aug. 22, 1962	5	6	22	2?			Sand 6; mixture clay stones 15; black flint 61. Water at 35, 4 and 56.
oiv C Con III	• 2	Durose Welding Shop	C. H111	Aug. 21, 1961	4	5	35	6	•	In	Clay 3; shale 13; hard block rock 40. Water at 40.
iv C Con III	3	E. Topen J. Breese	:	May 20,1961 Jan. 4,1962	4	10	80 65	42 39		D S	Clay 70; gravel 79; brown rock 115. Water at 115. Clay 46; sand boulders 50; clay 57; brown limestone 91. Water a
ny C Con III	* 3	S. Dicicco	•	Peb. 2,1963	4	9	115	110		D	91. Gravelly clay 64; black rock 110; grey rock 120. Water at 120.
iv C Con III		F. Bridges Jr.	J. Cuency	Jun. 5,1963	4	4	60	24		D	Stony clay 92; brown limestone 155. Water at 155.
Div C Con III		A. Pavoro T. Klover	C. H111	Jun. 13, 1963 Jun. 6, 1960	4	7	140 70	103		D	Clay 81;hard black rock 153. Water at 153. Clay 59:brown limestone 108. Water at 108.
iv C Con III		J. Tursa		May 8, 1961	4	4	75	35 12		Ď	Clay 30:gravel 41:herd brown rock 90. Water at 90.
iv C Con III	* 5	N. Fogsl	•	May 12,1961	4	6	50	3	•	D	Clay 25; hard brown rock 58. Water at 58.
iv C Con III	. 5	B. Reneatto J. Turca		Jun. 30, 1961	4	10	70	13		D	Clay gravel 34; hard brown rock 80. Water at 80.
iv C Con III	. 5	J. Turca		Jul.31,1961	4	5	70	40		D D	Gravelly clay 32; hard dark grey rock 82. Water at 82.
hy C Con III		M. Beitz B. Nusink		Apr. 16, 1962 Aug. 28, 1962	T L	3	65	29		1 5	Camented gravel 65; hard dark brown rock 112. Water at 112. Clay 53; grey limestone 90; hard black rock 100. Water at 100
Av C Con III	)	L. Dodd	J.R. Sprowl	Apr. 5,1960	Ĩ.		50	19		ă	Top gravel 5; hard block flint 75. Water at 35 and 70.
Div C Con IV		W.A. Walkover		Dec. 7,1963	Ĭ,	2 8	140	iĭs	•		Old dug well 35; clay boulders 50; hardoan atones 96; stony broken rock 130; dark clay 150; brown limestone 178; dark grey stone 160. Water at 178.
N▼ C Con IV	• 9	Nicklin-Day Motors	C. H111	Jan.17,1963	4	10	50	18	•	In	Gravelly clay 30; gravel 42; brown limestone 78. Water at 78.
iv C Con V	• 2	J. Zemprogna	•	Jul.26,1963	4	6	85	60	•	D	Gravel clay 20; puicksand 40; clay 80; hard brown rock 100.
iv C Con V	* 6	E. Davies	•	Oct. 2,1962	4	6	95	58		D.S	Clay 50; sand 55; clay 86; hard flint 132. Water at 132.
iv C Con V	* 11	R.M. Golden	J.L. Graham	Mar. 14, 1961	4	8	55	58 42		Ď	Dug well 58; erey clay 61; light brown rock 100. Water at 99.
iv C Con V	11			Sep.20,1961	4	8	60	30			Previously drilled 100;dork brown rock 116. Water at 116.
My C Con VI	,	D.E. Ainley	C. Hill J.L. Graham	Peb. 6,1960	4	10	50 65	45		D	Cley 40; gravel 80; hard brown limestone 114. Mater at 114.
oiv C Con VI				Mar. 3,1960	*	10	9)	30		-	Topsoil 4; brown stony clay 50; rrey hard clay 70; blue soft clay 86; dark grey limestone 101; dark brown limestone 121, Water from 118 to 121.
01▼ C Con VI	* 3	R. Biffies	J. Sauder	Jun. 16, 1960	5	15	35	50	•		Fill 4; sand boulders ?4; wrey clay stones 61; wrey limestone 94, Water at 93.
iv C Con VI	. 3	R. Buckles	C. H111	Jul.15,1960	4	4	80	45		D	Clay 68; brown limestone 95; hard black rock 135. Water at 13
iv C Con VI		J. Dickinson	J. Cudney	Oct.14,1960	4	5	60	35		D	Gravel clay 35; clay 70; black limestone 150. Water at 150.
iv C Con VI	. 3	A. Thomas J. Cheyne	C. 4111	Dec.29,1960 Mar.17,1961	1 4	10	70	40		D	Hard clay 75;dork grey limestone 110. Water at 110. Sticky clay 85;dark brown rock 107. Water at 107.
iv C Con VI		R. Lefneski	J. Qudney	Mar.17,1961	4	10	40			5	Stony clay 55; erey limestone 97. Water at 107.
iv C Con VI	" 3	G. Pritz	C. H111	Aug. 4,1961	4	10	60	25 42		D	Clay 50; or vel 74; herd orey rock 114. Water at 114.
iv C Con VI	• 3	G. Cook	•	Mer. 19, 1962	4	12	65	31		D	Clay 35; fine gravel 50; clay 59; light brown limestone 94. Water st 94.
01▼ C Con VI	* 3	C. Williston	•	Nov.19,1962	4	5	80	65	*	۵	Clay large boulders 60; sand gravel boulders mixed 93; light brown limestone 120; flight 135; black rock 138, Water at 138,

3			N OCUN			t.									
	Guelp Div	CC	on VI	loi	3	R. Pollard	C. H111	Mar. 9,1963	4	12	60	27	Fresh	D	Gravel 15; clay 40; sand gravel 54; light brown limestone F5; dark brown rock 96. Water at 96.
	Div Div	CC	on VI on VI		3	J. C'Toole H.P. McManus		Jun.29,1963 Jul.12,1963	4 4	5 31	70 80	30 58		D D	Gravelly clay 63; brown limestone 95. Water at 95.  Clay grevel 60; clay 88; grey rock 120; hard brown rock 126.  Water at 126.
	Div	CC	on VI on VI		3	J. O'Toole	:	Aug.16,1963 Sep.16,1963	4	10 5	60 75	23 42	•	D D	Gravel stone 50; brown limestone 84. Water at 84. Gravel boulders 47; brown limestone 90; hard dark grey rock 123. Water at 173.
			on VI on VI		3	J.L. Graham	J.L. Graham	Oct.23,1963 Aug.10,1961	4	5 8	75 30	35 18	:	D D	Gravel send 61;grey limestone 98. Water at 98. Clay send 4;fine send 9;clay send 40;light brown rock 45;dork brown rock 68;hard derk rock 93. Water et 90.
	Div	CC	on VI		10	C.W. Farr	•	Jun. 26, 1952	4	5	90	65	•	D	Cement pit 6; brown clay gravel 23; grey clay gravel 55; gravel 58; grey clay gravel 80; fine sand 85; light brown rock 110; dark brown rock 125. Water at 124.
	Div	C	on VII		5	R. Bilton	•	Jan. 27, 1961	Ħ	8	60	7	*	۵	Toosoil 2; brown clay gravel 25; light brown rock 37; dark brown rock 68. Water at 69.
	Div	C	on VII		6	T.J. Hulland	J.L. Graham	Jen.21,1960	4	12	34	24		D	Brown topsoil 4; brown sendy clay 12; grey sendy clay 30; rey clay 40; broken rock 76; brown limestone. Water from 65 to 95.
	Div	CC	on VII	*	6	Cox Constr.Ltd		Mar.21,1963	4	15	40	30	*	D	Sand gravel 22;gravel mixed clay 26;gravel 38;grey clay hardpen 49;brown limestone 67;dark brown stone 85;light brown stone 88, Water at 58.
	Div	C	on VII		11	H. Zimmer	C. dill	Sep.20,1962	4	10	30 60	17	*	D,S	Gravel 29;grey limestone 65;hard black rock 75. Water at 25. Clay 40;gravel 46;grey limestone 112. Water at 112.
	Div	CCC	on VII		2	d. Saville G. Martin	J.L. Grahem	Aug.17,1961 Nov.19,1960	4	8	60 55	17 25 32	*	D	Clay 40;grovel 46;grey limestone 112. Water at 112.  Dug well 21;sand 23;grey clay grovel 63;cooree sand grovel 64;
£							3337 337 337				-				light brown limestone 112. Water from 100 to 112.
429	Div	CC	on IX		1	E. Leishman	C. H111	Mar.28,1962	4	5	80	45	*	D,S	Clay 35;send 45;clay 95;sand 92;grey limestone 155;black rock 198. Water at 198.
	Div Div	CC	on IX on IX		2 6	C. Eston D.D.Doughty	J.L. Graham	Apr.25,1961 May 7,1963	4 4	15 7	120	30 50		D D	Clay 40;grovel 44;grey limestone 56. Water at 101. Tonsoil 1;brown clay gravel 65;fine send 75;grey clay gravel 135;medium dark brown rock 173;light arey rock 212. Water
	Div	c	on X		1	J. Visscher	C. dill	Oct.10,1961	4	10	25	10		D,S	at 145 and 213. Cley 22; grey limestone 48. Water at 48.
	Div	CC	on XII		- 1	T.A. Card		Sep.14,1951	4	15	25 30 85	10 14		D	Clay 10; grey limestone 72. Water at 72.
	Div	DC	on II	-	7	K. Merhm		Jan. 5,1962	4	4	85	50		D	Clay 43;gravel 80;fine sand 102;grey limestone 212. Water at 212.
	Div	ם מ	on II		7	H. Mitchell		Jun.26,1963	4	15	20	16	•	С	Sand 30;gravel 70;lerze boulders gravel 78;grey limestone 131. Water at 131.
	Div	D C	on II		8	L. Dedd	J.L. Graham	Sep.11,1962	4	10	70	65		D	Topsoil 1; brown clay stones 18; grey hardon 63; gravel coarse
	Div	D 0	on II		9	R. Fletcher	<b>1</b>	Sep. 26, 1961	5	10	45	20		D	send 90; fine sand 100; light grey rock 132. Water at 132. Topsoil 4; brown hardpan 25; light brown rock 120. Water at
	Div	n c	on II		10	L. Montgomery	C. H111	Oct. 6,1960	4	4	70	40		ם	Clay 40; fine send 60; light grey limestone 90. Water at 90.
	Div	DC	on II			C. Hattle	C. Hill J. Qudney	Sep.16,1963	4	12	35	24	*	۵	Yellow clay 20; grey limestone 73. Water at 73.
			on II			D. Fletcher	C. 3111	Nov. 1,1961	4	11	45	21		D,S	Clay 25; brown rock 75. Water at 75.
			on II		- 7	W. Blood	2	Nov. 7,1961	4	10	30 45	17		D	Dug well 7;gravel ??. Water at 49.
	D1 w	ם כ	on II		17	W. Mockford FletchersMotor		Dec.19,1961 May 6, 1963	4	10 20	30	Plows		C	Dug well 9;gravel 23;hard brown rock 56. Water at 56. Gravel boulders 17;hard grey rock 61. Water at 51.
	~1.	, ,	011		17	& Body Shop		14, 1909	-	20	,,,	1 TOHS		-	wirver doubters ly mest grey thek of, mater as si.
	Div Div	D 0	on II on II			P.Branolot W. Hefferman	J. Qudney	Jun.13,1960 Mar.10,1961	ų ų	20 10	10 55	22		D D	Stony clay 13; hard brown limestone 74. Water at 74. Stony clay 45; grey limestone 150; hard black rock 166. Water at 166.
			on II			H. Deniet	C. H111	Oct.25,1961	4	5	65	21		D,S	Cley 48:hard bluish grey rock 72. Water at 72.
	Div Div	D C	on II on III		6.7	W. Heffernan S. Mc Mahon	J. Qudney J.R. Sprowl	Sep.11,1963 Nov. 7,1961	5	3 7	80 55	20 13	:	D	Stony clay 45; erey limestone 134. Water at 134. Dur well 16; clay gravel 35; hard grey black limestone 137. Water at 45 and 130.
					31.0		1	1					Annual Control	1	

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

		LOCAT	MOI	i		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	TPUPT	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
		ron cou			12										
Gue	elph	Twp.	- con	t.	,	C. Lockhurst	J.L. Graham	Jul.20.1960	14	7	50	24	Presh	ما	Dug well 25;grey hardpan 36; coarse sand 38; light grey rock 90:
					1	0 - 0   10 10 10 10 10 10 10 10 10 10 10 10 10		M250040- GL#050405-000					-10011		Water from 90 to 90.
יַט	[▲ D	Con IV			1	J.J. Fischer	7	Jul.13,1960	4	11	40	14	-	D	Topsoil 2; brown clay gravel 14; grey hardon 45; coarse sand 50; light brown rock 65; light grey rock 95. Water from 20 to 95.
D	V D	Con IV	7	" 1	5	M. Robson		Jen.10,1961	5	15	15	11		D	Topsoil 2:gravel brown clay 27;gravel sand 55; light brown rock 74; Water from 70 to 74.
D	L▼ D	Con IV	7	• 1	5	R.A. Mackie		Jul.30,1963	4	10	16	9		D	Topsoil 1; brown clay grovel 53; light brown rock 71. Water at
		Con IV	V	* 2	7	A. Compbell	C. Hill	Apr.20,1962	4	7	40	20	•	D,S	71. Stony clay 40;gravel 51. Water at 51.
		Con V		. 6	6	J. Elliott J. Reilly		Jul.10,1961 Feb.17,1960	4	10	40 50	18 35		D	Gravel stones 39; hard orey limestone 80. Water at 89. Clay 46; quicksond gravel 75; hard dark grav rock 105. Water at
							-					Sie i	_	D	105.
		Con V		. 3	9	P. Hogg H.VonWiedner	J.L. Graham	Jun.20,1961 Oct.15,1960	4	10	40 50	33			Clay 35;gravel 55;hard brown rock 85. Water at 85.  Dug well 20;stony hardpan 40;clay boulders 65;clay gravel 80;
Di	v D	Con VI	r		,	Ont.Dept. of	C. H111	Dec.14.1961	4	8	65	8		P	broken rock 90; light brown stone 119. Water from 90 to 119.
						Highways	1. 1	(Aller 1983)	4	-				1	
		Con VI				J. Alexander		Jul. 8,1963		10	25	22		1	Topsoil 1; brown clay stones 12; grey hordern stones 47; brown clay coarse sand 75; light brown rock 95. Water at 95.
		Con VI				K. Donnell J. Whale	C. Hill N. MacLean	Dec. 6,1962 Sep.20,1963	4	7	80 45	37 35		D	Cley 60; gravel 84; brown rock 137. Water at 137.  Brown cley 50; blue clay 73; send 80; gravel 86; yellow sand
	51751	-		-	1	a va inte			4		-		_	D	grvel 96; sand grey stone 112. Water at 110. Topsoil 1; stones brown alay 19; brown hardoan gravel 68;
יע	TA D	Con VI	L	. 2	7	A. Lehman	J.L. Graham	Jen.27,1962	4	10	25	16		, ,	cemented gravel 73; light brown nock 79; light grey rock 90;
D	w 8	Con I		. ,		Guelph City	HadcoWell Digging	May 13 1061	30	12	23	14		D	brown rock 117. Water from 105 to 117.  Brown clay rock 2;sand gravel 4;brown clay rock 14;gravel
-	-	-711 -			.	Transport	- The Inc	15,1701	1		2			-	sand 16; brown hard clay 17; gravel boulders 24. Water at 14
D:	v E	Con I		. 1		Marshall &	J.L. Greham	Jun.23,1961	5	12	18	9		۵	Popsoil 1; brown clay gravel 13; light brown rock 46. Water
D	v E	Con I		<b>"</b> 1	.	O'Drousky W.E. Mann		Jun.28,1961	5	12	17	15		ם	from 40 to 46. Topsoil 2:brown clay gravel 18:light brown rock 41:dark
		Con I			- 1	J. Brein	C. H111	80 M	4	7				c	brown rock 61. Water from 30 to 61.
		Con I		-		H. Bracken	V. 1111	Jul. 3,1961 Jul.17.1963	7	7	30 65	25 45		D	Clay gravel 15; grey limentone 50. Water at 50. Clay stones 35: light brown limestone 94. Water at 94.
		Con I		* 1	1 1	C. Redwood		Jul.20,1963	4	9	50	30		Ď	Clay stones 35:11 oht brown limestone °5. Water at °5.
		Con I		* 3	3	E. Fischer	J.L. Granom	Jan. 24, 1963	6	30	20	40		Ir	Topsoil timedium gravel sand brown clay "6; grey hordran 67;
					- 1				1						light brown rock 99; medium grey rock 112; light brown rock
D	lv E	Con I		* 4	.	E.Easterbrook		Nov.17,1961	4	10	50	8		ם	130; medium grey rock 203. Water at 110 and 203. Coarse gravel 10; clay stones 21; brown rock 57; light grey
D	v E	Con I		. ,	,	L.A. Sanderson		May 31,1960	4	8	60	13		כ	stone 76. Water at 75. Loam 2:brown send 6:brown clay 10:clay small boulders 19:
		-0						, ,,,,,,,	"			-/			brown limestone 40; light brown limestone 70; light grey white
D	v E	Con II	I	n /	١,	J. Reimer	J.L. Graham	Oct.31,1962	4	10	25	20		D	limestone 80. Water from 70 to 80.  Dug well 21; brown clay gravel 25; grey clay gravel 43; light
									-						brown soft rock 82; medium light brown rock 102. Water at 55 and 102.
D	lv E	Con II	I	• E	3	E. Turner	•	Sep.30,1963	4	7	90	45		D,S	Dug well 43; light brown rock 118; white rock 137; dark brown
D	v E	Con II	I	. (		C. Martin		Nov. 3, 1961	5	10	70	40	*	D	rock 152. Water at 90 and 152. Stony arey hardoon 45; shely rock 48; dark brown rock 52; light
															brown rock 97; light grey rock 125; black brown rock 136; light
															brown rock 139. Water from 136 to 138.

	Div E Con IÎ Div G Con III		R. Heliburton Ont. Agricult- ural College	C. Goodberry	Feb. 2,1962 May 4, 1963	4 10	10 117	50 140	19 26	:	D F	Gravelly clay 28; grey limestone 69. Water at 69. Toosoil clay 4; gravel 20; clay pebbles 55; gravel clay 63; brown limestone 100; black limestone 154; grey limestone 244;
	Div G Con IV		5 H.R. Wilby	J.L. Greham	Oct.18,1960	4	12	16	12	•	D	blue black limestone 246. Water at 75 and 224. Gravel brown clay 10; fine sand brown clay 34; light brown
	Div G Con IV	*	J. Anderson	lw!	Mer.30,1961	4	10	60	48	*	D	rock 65. Weter from 50 to 65. Topsoil 2; fine brown sond 8; coarse stony gravel 6".gray clay small stones 134; clay small gravel 142; brown broken rock 152; black gray stone 198. Water at 175.
	Div G Con V	*	6 G. Reed	C. Hill	Apr. 26, 1960	4	10	50	33	*	ם	Cemented gravel 32; loose gravel 41; grey limestone 110. Water at 110.
	Div G Con V		6 G. Goulds		Jul.21,1960	h	5	75	40	W W	D	Bough gravel 44; grey limestone 113. Water at 113.
	Div G Con V		I. Kreller		Nov.16.1960	h	5 5 21	75 70	40	-	l 5	Gravel 42: light brwon limestone 103. Water at 103.
	Div G Con V		6 E. Higgins		Mar. 13. 1961	h	51	25	40		D	Gravel 50: light brown limestone 109. Water at 109.
	Div G Con V		6 Estate Homes		Jul.13,1961	h	4	85	36		D	Grevel 25; clay 41; arey limestone 101. Water at 101.
	51. 5 5011 .		Ltd.	1	- uz.z.j.z.j.z	-	7	12.0	,,,,			arver 25; pray 41; arey transcone 101, water as 101,
431	Div G Con V	•	6 J.R. Atkinson	J.L. Graham	Jun. 9,1962	4	10	39	37		ם	Topsoil 1; sand grovel 36; boulders gravel 48; light brown rock 75; medium dark brown rock 90; grey rock 100. Water from 90 to 100.
	Div G Con V		6 H. Wilkinson		Dec.24,1963	4	8	60	30		ם	Topsoil 1: fine sand gravel 25: gravel stones 46: light brown
	DIV 3 3011 V		u. wilkinson		Dec. 34, 190)	-	52	0.0	10			
	Div G Con V		7 R. McCrae	C. H111	May 1, 1961	4	8	80	26		D	rock 70; medium dark brown rock 96. Water at 97. Gravel 35; sand 41; erey limestone 90; hard brown rock 95. Water at 95.
	Div G Con V		7 D. Huggett		Aug. 10, 1961	4	10	50	25		D .	Gravel 40; grey limestone 101. Water at 101.
	Div G Con V	**	7 F. Collins		Oct. 6,1961	4	2 4	50 85 85	25 23 26		D	Gravel 42; grey limestone 117. Water at 117.
	Div G Con V		7 D.H. Forler		Aug. 16, 1962	. 4	Ž4	85	26	**	D	Gravel 10:sand 25:gravel boulders 32:grey limestone 111.
				l)		81		-			_	Water at 111.
	Div G Con V	**	7 Brazolot Const		Sep.20,1963	h	4	80	30		n	Gravel 37; brown limestone 96. Water at 96.
	Div G Con V	**	J. Harrington	J. L. Graham	Jul. 9.1962	h	10	60	30 36	Ħ	D	Dur well 7; coarse gravel 12; clay sand 54; large boulders 56;
	Siv 3 don v		y o. marrington	o.r. olavam	our. 9,1902	-	10	60	30			olay gravel 70; cemented gravel 90; brown stone 100; black rock 146. Water at 145.
	Harriston Town Harriston Town		Town of Harriston	International Water Supply Ltd.	Mar. 6,1961	12	300	67	40	Presh	т	Topsoil 1; clay gravel 12; hard packed sandy clay gravel 31; clay gravel 54; brown lime streaks grey shale 83; bluish grey shale 152; bluish grey shale streaks brown limestone 168; brown limestone streaks bluish grey shale 17°; brown bluish

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Fresh

Dug we'l 5; clay 54; prey limestane 100. Water at 100.

Gravelly clay 23; grey limestone 100. Water at 100.

Gravelly clay 11; grey limestone 140. Water at 140.

Sandy clay 8; stony clay 19; clay gravel 31; broken limestone 42 brown stone 70; light arey stone 110; dark brown stone 136; dark grey stone 138. Water at 137.

Clay 41; grey limestone 125; hard black rock 135. Water at 135.

grey shale 178; brown bluish grey limestone 191; brown bluish

Boulders clay 25; hard clay 90; brown limestone 96. Water at

Boulders gravel clay 50; hard clay 90; gravel 92. Water at 92.

grey limestone grey shale 193. Water at 169.

WELLINGTON COUNTY - cont.

Div E Con II

Div E Con II Div E Con II

Maryhorough Two.

Con III

Con III

Guelch Twp. - cont.
Div E Con II lot C H. Kotervorg

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C R.W. Shuel

C C. Walters C Dee Mert

lot 18 E. McCarthy

" 18 M. Obermeyer

Parkers

C. Hill J.L. Graham

C. H111

N. McLeen

Sep.

1961

Dec.15,1961

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Jan. 12, 1952

Apr.14,196?

hay 30,1962

Aug. 22, 1962 Jun. 29, 1962

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

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Fresh

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	LOCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Mary	NGTON COUNT borough Twp IV		ont		C. Keeso	Aug. 1,1961	4	18	45	43	Fresh	D,S	Dug well 61; sandy clay gravel 83; hardman boulders 98; brown shale 119; brown limestone 131; white limestone 166. Water from
Con	IV		3	J. Drost		Jul.25,1961	4	15	50	47	•		148 to 166. Dur well 20; hardpan boulders 52; sandy clay gravel 84; brown shale 122; brown limestone 158; white limestone 169; brown
Con	IV	н	15	A. Vogt	G.L. Davidson	Nov. 5,1963	4	15	80	50		D	limestone 189. Water from 169 to 189. Clay 22; sand rough gravel 40; hardban 62; stony hardban 87;
Con			2	M. Griffith	*	Feb.11,1961	4	12	57	45			shale clay 113; red shale 137; brown shale 139. Water at 139. Clay 76; sand gravel 84; loose light brown rock 110; light
Con	VIII		9	C.J. Baker	*	Feb.28,1961	4	61	76	42	*	D	brown limestone 159. Water at 159. Clay 48;sand 57;hardpan 92;red blue shale 156;hlue rook 215. Water at 215.
Con	VIII	*	10	C. English	*	Jan.28,1961	4	6	56	31		S	Gravel 20; stony herdren 54; soft clay 60; herinon 78; loose light brown rock 111; blue rock 183. Water at 98 and 183.
Con	VIII	H	16	P. Karsten	Durham Drillers	Nov.15,1961	14	15	70	60		D,S	Clay stones 50; clay 120; outcksand 143; brown limestone 175. Water at 173.
Con	IX	*	1	F. Kalbfleisch	*	Jan. 6,1962	4	15	55	35	н		Topsoil 2;hardpan stones 15;brown clay 40;bardpan small stones 65;gravel 75;bardpan 85;brown limestone white spots 125. Water at 120.
Con	IX	**	9	D. Smith	•	Mar.30,1962	4	15	45	32	*	D	Tobsoil 10; mravel 20; wrey stony clay 40; soft brown clay 60; brown sandy clay 75; brown sandy shale 80; brown rock 115. Weter at 100.
Con	IX	*	9	Police Village of Moorefield	HadcoWellDigging	Jul.18,1962	36	20	91/2	8 3	**	Ø	Topsoil h;brown clay 3;send 3h;grevel 12h. Water at 8h.
Con	IX	w	9		G. L. Davidson	Dec. 5,1963	4	15	70	50	*	a	Gravel 20; hardban 38; sand 47; hardban 69; sand gravel 83; red shale 135; blue shale 205. Water at 205.
Con	IX	*	12	I. Greham	Durham Drillers	Mar.22,1962	4	15	55	45	•	D,S	Topsoil 10; clay 18; boulders 28; clay 100; quicksand 110; clay 115; brown shale 121; brown rock 137. Water at 130.
Con	XI	77	6	N. Mutter	*	Jun. 2,1960	4	10	40	34			Topsoil 2; brown clay 18; hardpan boulders 75; brown limestone 164. Water at 130.
Con	XI	**	8	I. Gilmore	*	Jul.21,1960	4	6	45	41		D,S	Torsoil 3; brown clay 15; grey clay stones 45; hardban 78; brown limestone 145; grey limestone 152. Water from 146 to 152.
Con	XII		1	F. Lopers		Jul.28,1960	4	20	30	24	•		Tousoil 5; brown clay 15; grey clay 22; hardoan houlders 40; gravel 43; hardoan 98; medium harboan 113; brown limestone 150; hard bluish grey rock 164. Water from 160 to 164.
Con	XII		4	W. Atchieson	*	Jan.24,1961	4	15	30	20		D	Topsoll 3;hardman boulders 27;clay 48;gravel 54;hardman 72; sand gravel 75;brawn limestone 120. Water at 90.
Con	XII	*	5	V.C. Wood	*	Nov.10,1960	4	10	30	24			Topsoil 3; brown clay boulders 62; brown limestone 97. Water from 90 to 97.
Con	XII		12	A. Heidbuurt	н	Jul. 5,1963	4	21	70	55	*	D,S	Open hole 25; hard clay stones 60; sand 65; hard grey clay 100;
Con	XII			L. McEwing	*	May 4, 1963	4	15	140	123	•	D,S	soft blue shale 110; hard blue shale 118. Water at 100 and 116 Topsoil 4; clay stones 30; gravel clay 80; gravel sand 120; sand clay 250; sand gravel clay 290; sand 346; gray rock 370. Water from 360 to 370.
	XIII		7 10	P. Kratz J. Chapman	C.& H. Kerr Durhem Drillers	Oct.31,1963 Nov.16,1960	5 4	15 10	60 50	36 42		D D,S	Stony clay 40;hardren "7;brown shale 94. Water from 90 to 94. Fill 8; crey clay stones 48;hardren 70;grey clay 80;carse send 120;fine sand 141;bluish grey rock 157. Water from 150
Con	VIV	***	9	Twp School		Mar.29,1962	4	18	65	54	*	P	to 157. Topsoil 10;gravel 20;clay 100;sand 125;blue clay 150;brown
Con	XIA	×	10	J. Marquardt	*	Aug.23,1960	4	3	125	100		D,S	shale 174; grey rock 198. Water at 190. Dug well 65; grey clay stones 103; hardban 153; gravel 157; hardban 170; brown clay 205; fine sand 212; heavy gravel 217. Water from 205 to 217.

r.i	DI 1 T 1	GTON OCUN	TV	Name of Street										
	Meryt	orough Tw	m	con		N. MacLean	ا مد مع معند ا	4		ا بيا			L	la
		XIV	101		United Church		Oct.23,1961		10	55		Fresh	P	Clay small stones 150; hard clay 190; soft shale 220; brown limestone 230. Water at 225.
	Con Con			14	E. Mitchell O. Kitchell	G.L. Davidson Durham Drillers	Apr. 6,1961 Jan. 26,1962	4	7	76 150	59 120	:	D,S	Clay 30; sand 95; gravel 99. Water at 99. Topsoil 2; sand clay 60; sand 140; ouickeand 250; dark brown sand 380; brown limestone 407. Water at 395 and 400.
	Con	XIV		16	H. Walker	•	Feb.10,1961	4	12	73	70	*	D	Topsoil 4; clay %5; gravel sand 160; herdren 193; brown limestone 203. Water at 200.
	Con Con Con	XV		13	R. Fetkovic J. Mitchell L. Mitchell	C.& H. Kerr G.L. Dovidson R.H. Gadke	Hov. 7,1963 Mar.31,1962 May 1, 1961	5 4	15 12 10	78 50 65	60 44 50	:	D D,S D,S	Stony clay 38;heriben 83;gravel 87. Water at 87. Clay 15;sand 29;hardban 45;sand 80;gravel 83. Water at 83. Dug well 30;hardban 140;ouicksand 155;sand gravel 220;grey rock 236. Water at 234.
	Con Con	XAI		10 14	F. Noble E. Hamilton	G.L. Davidson Durham Drillers	Oct.10,1962 Dec. 7,1963	4	10 5	70 45	26 38	:	D,S D,S	Tobsoil 2; clay 8; boulders clay 20; sandy clay 83; sand 85; clay sand 120; coarse sand 125. Water at 120.
	Minte	Twp.												
	Con	C	lot	110	L. Douglas	G.L.Davidson	Jan.16,1961	4	12	52	37	Fresh	D,3	Sand gravel 18; clay 32; sand 34; stony hardpan 48; sand 58; brown shale 72; brown rack 108. Water at 108.
	Con	C		113	J. Digby	*	Jan.10,1961	4	12	56	42	•	D,S	Tonsoil 4; sand gravel 12; sand 24; stony hariban 38; sand 44; sandy gravel 68; brown shale 90; brown limestone 96; blue shale 96; yellow shale 104; blue shale 116. Warer from 104 to
433	Con	ם	•	77	W. H-11	•	Oct.29,1962	4	10	30	21		D,S	116. Topsoil 1; brown clay 2; sand gravel stones 25; marl 34; soft blue clay 39; hardban 55; yellow white rack 71; grey rock 97. Water at 97.
w	Con	D		86	L. Stefford	E.A. Keeso	Aug. 2,1962	4	15	24	14	*	D	Dug well 11; sand 19; stones clay 24; grey shale 29; grey
	Con	D		109	W. Douglas	*	Oct.27,1961	4	12	24	23	*	D.S	limestone 51. Water from 48 to 51.  Dug well 25; clay ctones 54; blue shale 58; blue rock 64; blue
	Con	D	•	115	R. Evens	R.H. Gødke	Dec. 2,1963	5	15	26	26	*	D	limestone 88. Water at 88. Topsoil 8; clay 45; clay gravel 70; brown limestone 120. Water
	Con	I		31	F.R. Pruess	*	Mer. 2,1961	4	8	19	19		D,S	at 120. Top clay 4; herdnen boulders 40; loose sendstone 50; brown
	Con	III		14	W.D. Wells	G.L. Davidson	Feb. 8,1960	4	15	62	40		D,S	limestone 52. Water at 52. Fill 4; sandy gravel 20; hardnen 65; blue shale 72; red shale 98;
	Con	III		17	G. Brombill	E.A. Keeso	Oct.31,1962	4	12	22	21		D,S	grey rock 108; red shale 110. Water from 108 to 110. Clay stones 12; clay gravel 32; hardoon boulder 49; brown shale
	Con	v		6	S. McZachern		May 30,1962	4	8	28	23		D,S	61; brown limestone 80. Water at 80. Clay stones 21; boulders gravel 42; brown shale 67; blue
	Con	AI		11	J. Idserda		Nov.15,1960	42	14	22	18		D,S	limestone 98. Water from 93 to 98. Dug well 22; clay 31; blue shale 52; brown shale 59; brown blue
	Con	VI		21	R. Rundle	E.A. Keeso	Jul.20,1963	4	13	29	26		D,S	limestone 73. Water at 73. Brown topsoil 3;grevelly clay 38;soft brown shale 45;hard
	Con	VII	•	28	L. Fredham		Aug. 9,1962	4	12	30	21		s	brown limestone 85. Water at 80 and 85. Dug well 17; clay boulders 38; gravel clay 46; brown shale 54;
		VIII VIII		6 21	T. Madigan B. Luesink	R.H. Gadke	Dec.10,1960 Aug.20,1962	4	8 8	40 40	28 40	:	D,S D,S	brown limestone 87. Water at 87. Dug well 41; sand 95; shale 97; blue limestone 128. Water at 125. Topsoil 6; clay boulders 81; loose brown limestone 97; grey limestone 119. Water at 119.
	Con	AIII		28	T. Richardson	•	Nov.15,1960	4	8	12	12		D,S	Dug well 21:gravel 35:loose rock 51:hard grey brown limestone
	Con	XII		13	W. Meyler	E.A. Keeso	Jul. 4,1963	4	15	29	27		D,S	64. Water at 62. Dug well 13; sand 21; hardpan 60; soft brown shale 74; soft blue shale 91; blue limestone 116. Water from 107 to 116.
									1	1				I .

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATI	ION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	T.EVET.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLINGTON COUNTING TWO CON XII	nt.	M. Tuohey	E.A. Keeso	Jul.12,1963	4	15	33	31	Fresh	D,S	Dug well 27;soft brown clay 35;herdpan 52;brown shale 60;soft blue shale 94;soft blue limestone hard streaks 131. Water
Con XII	<b>"</b> 19	A. Menderson		Dec.13,1961	4	12	38	28	*	D,S	from 120 to 131. Yellow clay boulders 27; blue clay stones 54; blue shale 72;
Con XIV	<b>" 1</b> 5	P. Shannon	•	May 12,1960	4	12	48	48		D,S	blue limestone 103. Water from 95 to 103. Brown clay 21;grvel clay 37;blue shale 113;blue limestone
Con XIV	" 27	L. Reading	•	Oct.10,1961	4	14	30	28		D,S	130. Water at 130. Clay sand 42; gravel clay 56; blue shale 69; blue limestone 106
con xv	<b>"</b> ?1	F. Arthurs		Dec.28,1960	4	2 1	30	29	*	D,S	Water at 106. Clay stones 32; gravel clay 67; and 22; sandy gravel 29; blue
Con XV	• 26	S. Boyd		Dec.11,1962	4	14	15	14		D,S	shele 96; blue limestone 10°. Water at 10°. Clay 21; grovel stones 40; hordoan 59; blue shele 60; blue limestone 94. Woter at 94.
Con XVI	* 34	W. Mathews	R.H.Gadke	Jul. 3,1962	4	8	14	12	-	D,S	Tonsoil 15; clay 35; hardnen gravel 6P; loose brown livestone 86; grey brown limestone 120. Water at 120.
Con XVII	<b>"</b> 20	B. Donaldson	E.A. Keeso	Nov.10,1961	4	12	48	46		D,S	Dum well 20; clay stones 47; sandy clay 61; blue shale 62; blue limestone 144. Water at 144.
Con XVII	* 30	B. Ersman	•	May 25,1961	4	14	14	14		D,S	Dug well 4;brown clay 42;blue brown shale 64;brown limestone 97;blue limestone 106. Water from 0° to 106.
Con XVIII	* 36	M.J.G. Eldt	•	Jan. 6,1961	4	14	76	76		D,S	Dug well 22; clay 41; shole 49; brown limestone 142. Water at
Mount Forest 1 Mount Forest	Town Town	FUC Mt.Forest	International Water Supply Ltd.	Dec. 7,1962	12	300	114	48		F	Topsoil 2; sand gravel clay 9; clay hard gravel 32; hardon 67; hard sandy clay 74; pellow sandy clay 85; gr vel clay 108; braw clay gravel 129; brown limestone streaks shale 266; grey shale 229; brown limestone 242; brown limestone streaks arey slate 254; grey limestone 320; grey limestone streaks brown limeston 332; grey limestone streaks grey shale 358; brown limestone 37 light brown limestone streaks grey shale 401.
Nichol Twp. Con I Con I Con I	" 10	W.J. Anderson B. Keough H. Cossie	J. Cudney Ledgo Drilling	Nov. 3,1961 Apr.20,1961 Dec.28,1963	4 4 4	4 10 6	95 55 67	70 45 62	Fresh	D	Stony clay 43; grey limestone 140. Water at 140. Stony clay 14; grey limestone 100. Water at 100. Clay rocks 28; light grey limestone shale layers 90. Water
Con I Con I Con I Con II	12 12	W. L. Perry B. Gefrer O. Derrock J.F. Keitland	J. Cudney "C. Hill	Sep. 6,1963 Apr. 21,1962 Jun. 20,1963 Dec. 21,1960	4 4 4	5 7 10 15	105 60 70 50	95 55 65 49	:	D C D D,S	from P4 to 87.  Stony clay 65;grev limestone 130. Water at 130.  Sondy clay 15;stony clev 40;grev limestone 130. Water at 130  Stony clav 50;grey limestone 127. Water at 125.  Soil 4;fine cend 11;hard clay 20;cemented gravel boulders 20  Liue rock 120;grev rock 140;light brown rock 201. Water at
Con III Con IIII Con III	<b>*</b> 3	B. Ewen D. Gibson W.H. Armstrong	J. Cuderey J.L. Graham	Aug.18,1940 Peb.20,1961 Nov.22,1961	4 4 4	10 10 12	20 60 30	1° 7 20		D, S D D, S	201. Stony cley 45;grey limestone 100. Water at 100. Stony cley 50;grey limestone 100. Water at 100. Topsoil 2;brown cley stones fine cend 21;greyel fine send cley 30;grey hardnen greyel 48;light brown limestone 90. Water at 96.
Con IV Con IV Con VI	" 11	R. Sparry E.G. Smith J.R. Elliott	J. Oudney J.L. Grehem	Jun. 6,1963 Aug.30,1960 Jul.19,1963	4 4 6 <del>1</del>	10 7 30	55 60 60	7 30 12	# #	2 2	water at 90. Gravel limestone 90. Water at 80. Gravel 1-rae Stones 9; arev limestone 90. Water at 115. Stony clay 50; white limestone 115. Water at 115. Clay boulders 40; loss arreal Mistony hardner 60; arey limestone 146; arey black limestone 159; brown arev limestone 186; dark brown arev limestone 200; black white limestone 30%. Water at 200.

A	ELLIN	STON CO	UNTY	con	t.,		1			1 1	1				1	1
	Ni cho Con	l Twp.		it.	3	J.J. Sullivan	C. H111	Jan.	26,1962	4	10	80	60	Fresh	D,S	Clay 25;gravel 35;clay 100;gravel send 127;gray limestone 192. Water at 192.
	Con					C. McCrenny	J. Cudney		6,1961	4	11	55 25 30 50 18	45 13		D	Dug well 25; blue clay 150; grey limestone 171. Water at 171.
	Con	AIII			8	I. Cunninghom G. Elgie	,		8,1961 4,1961	4 4	10 12	30	20			Dug well 25; stony clay 55; grey limestone 100. Water at 100. Stony clay 30; sandy clay 70; grey limestone 140. Water at 140.
	Con	IX		11	1	D. Denton		Sep.	0.1960	4	4	50	40		Ď	Clay 70; limestone 145. Water at 145.
	Con	IX		w	1		HadcoWell Digging	Dec.	8,1962	271	?	18	1?		D	Tonsoil 1; brown sandy clay 12; brown sand gravel 13; blue hardoan 20. Water at 12.
	Con	Х			7	G. Fair	J.L. Graham	Jul.	8,1960	4	15	47	42		D,S	Topsoil 2; brown clay stones 19; grey hardpan 33; light brown
										1 1						limestone 50; light grey limestone 98; light brown limestone 122. Water from 115 to 122.
	Con	Х		"	9	F. Elo	C. Hill		9,1960	4	4	20	42	*	D,S	Clay 29:gravel 46:brown rock 97. Water at 97.
	Con	XI			2	M. Tresk		May	10,1962	4 4	5	1.14	Flows			Open well 36; grev clay 69; sandy brown clay 100; grey clay 105;
	Con	XI YI			15	C. Short A. Sheffer	J. Cadney		6,1961	4	10	40 20	6		D	Gravel clay 15;grey limestone 113. Water at 113. Dug well 12;vellow clay 26;grey limestone 49. Water at 49.
	Con	XI			15	W. Shaffer	ii.	Nov.	6,1943	4	9	40	3 15		Ď	Dug well 12:grovelly clay 27:grey limestone 5°. Water at 58.
	Con	XI			16	W. Burges		Dec.	15,1960	4	10	25 60	15		D	Drilled well 25;grey limestone 45. Water at 45.
	Con	XI		,,	17	G. Montgomery A. McLean	C 1427	Sep.	0,1962	4	6		23		D	Sand 46; limestone 104. Water at 104. Clay 22: grey limestone 126. Water at 126.
	Con	XI				M. Hillis	C. Hill J. Cudney	Oct.	1960	4	3 4	100	50 14	n	D	Stony clay 46; limestone 64. Water at 146.
	Con	XI		19	18	A. Goodwin	C. H111	Nov.	6.1960	4	4	55 100	43		D	Clay fill 8:grey limestone 160. Water at 160.
	Con	XI				G. Hamilton	J. Cudney	Nov.	6,1960	4	5	40	20		D	Dug well 15; stony clay 45; grey limestone 65. Water at 65.
£35	Con	XII			18	D.E. Martin H. Wils-n	C. Hill		29,1961	4	10 5	60 100	40 55		D.S	Stones clay 16; grey limestone 125. Water at 125. Clay 58; sand 59; hard blue rock 130; brown rock 175; white
G					10					"	,					limestone 210. Water at 210.
	Con				20	S. Alexander	T 0 1	Jan.	7,1961	4	10	40 80	18	"	D,S	Clay 5;gravel 44;grey limestone 160. Water at 160.
	Con	XIII		**	23	E.L.Olsen L. Farley	J. Cudney J.L. Graham		20,1962	5	5	6	32			Sandy clay 45; white imestone 170. Water at 170. Dug hole 10; clay boulders 60; stony bardoan 146; coarse gravel
									in a sai				_		-	151. Water at 151.
	Con	XIII			3	J. Coffee		Feb.	4,1961	5	90		Flows		D	Brown soft clay 14; hardoen boulders 54; hardoen stones 92;
	Con	XIII			20	D. Allan	C. H111	Nov.	13,1963	4	9	67	23	и	D,S	hard sand 119; coerse gravel 123; Water at 123. Clay stone 29; grey limestone 176. Water at 176.
		XIII				G.A. Keen	J. Cudney	Jul.	4,1963	4	9	40	30		Ď	Topsoil 4; white limestone 80. Water at 80.
	Con	XIV		**	3	V. Whitlew	J.L. Graham	Jan.	4,1962	5	15		Flows		D,S	Clay boulders 40; hardpan stones 109; coarse gravel 113. Water
	Con	VIX		m	19	C. Anderson	J. Cudney	Oct.	14,1961	4	9	60	30		D	at 113. Stony clay 65; grey limeatone 110.
	Con				21	G.I. McHardy	HadcoWell Digging			30	í	24	30 18		D	Topsoil 1; brown sandy clay 6; brown fine sand 9; crey clay
																rocks 18; sendy gravel 19; blue herdnen boulders 24. Water at 18.
	Con	ΧV		*	9	R. Fox	C. Hill	Sep.	23,1960	5	12	30	10	н	D	Dug well 10; clay 60; gravel 64. Water at 64.
	Con	ΧV			9	J. Black	R.H. Gow	Oct.	8,1963	6	10	50	16		D,S	Brown clay 40; hardnen 9; fine sand 105; brown limestone 144.
	Con	XVT			4	L. Cudney	HadcoWell Digging	Jan	6 1062	30	2	29	20		D	Weter at 110 and from 120 to 130. Topsoil 1:brown clay 4:rock sand 8:grey clay 20:grey sand
						DE 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						-				23; grey clay 30. Water at 20.
	Con					J.B. Coffer	J.L. Graham		1,1963	5	5	50 80	18		D	Dug hole 4; clay boulders 6°; brown rock 75. Water at 75.
	Con	VAT			11	A. Fischer		пру	16,1963	)	•	60			D	Clay boulders 40; clay gravel 72; brown rack 93; brown grey rock 104. Water at 99.
	GRSE	BF		*	5	J. Larson	•	May	10,1960	4	10	45	45		D	Tonsoil 1; light brown limestone 26; derk brown limestone 52,
	GRSS	BF		M	6	B. Meyer	J. Qudney	Noc.	10,1961	4	4	60	45		D	Water from 50 to 52. Dug well 30; blue clay 70; grey limestone 140. Water at 140.
					-				,-,	,			.,			and have National again, and and a see again, 1200
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1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	Loc.	ATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	NGTON O	CUNTY con	-		5.								
Con	В	lot	14	E. Snowe	G.L. Davidson	Mer.15,1960	5	7	78	67	Fresh	D,S	Gravel 40; hardpan 78; sand gravel 120; stony hardpan 133; gravel hardpan 148; hardpan 157; gravel 161. Water at 161.
Con	I		16	G. Baumen	R. McLaughlin	Oct.29,1963	5	25	46	35		D,S	Clay 21; hardban rocks 66; red clay 85; hardban 114; red clay 121; hardban 189; shale 193. Water at 190.
Con	II		4	J. Wagatha		Jan.25,1961	5	5	165	130	•	D,S	Topsoil 1; clay 22; gravel 25; clay 60; hardown 156; gravel 168.
Con	II		13	M. Jackson	G.L. Davidson	Nov.16,1963	4	8	95	73	•	D,S	Clay 22; sand 24; stony hardpan 88; sand 91; hardpan 126; hardpan gravel 136; red shale 142; blue shale 177. Water at 177.
Con	II		16	N. Frey	R. McLaughlin	Feb.14,1961	6	18	45	43	•	D,S	Tonsoil 1; clay 15; herdoen 55; clay hardoen 82; gravel 84. Water at 84.
Con	III	*	1	M. Leitner	Hadco WellDigging	Меу 7, 1963	30	2	32	27		D	Topsoil 1; brown clay 13; grey clay 30; brown sand 32; gravel 33.
Con	IV			R. Isrsel	G.L. Devidson	Jan.13,1962	4	12	85	77	- M.	D,S	Water et 32. Hardben 68; sand gravel 76; hardban 136; white shale 146; white rock 191. Water at 191.
Con	IV	100	8	L. Hahn	•	Nov. 3,1961	4	12	93	69	н	D,S	Clay 19; hardoon 53; sand 61; hardoon 119; clay 131; hrown shale
Con	Λ	Ħ	1	R. Faulkner	Durham Drillers	Jul.14,1962	4	21	55	45	*	D,S	169; brown rock 199. Water at 199. Gravel 20; soft red clay 65; stony red clay 80; hard brown
Con	V	•	2	H. Street		Jul.27,1961	4	8	61	55	•	0	sandy clay 100; hardman 110; dark rock 121. Water at 120. Topsoil 1; clay 50; sand 68; sand gravel 91; sand 115; gravel 119;
Con	VI	•	6	E. Mertin	G.L. Davidson	Mar. 2,1962	4	12	125	100	*	D,S	brown limestone 152. Water at 149. Clay 17; hardban 64; sand 76; hardban 136; shale 153; brown rock
436 Con	ΔI		12	G. Lubberts	R. McLaughlin	Jan.12,1961	5	18	120	110	и	D,S	169. Water at 169. Topsoil 2; clay 12; hardoen 65; send 68; hardoen 94; stones hardoen 97; clay 137; hardoen 222; grey limestone 239. Water at 222.
Con	AI			E. Brubacker	G.L. Davidson	Mar.15,1963	4	6	150	136	•	D,S	Clay 22; hardpin sand 200; green blue soft shale 220; light brown soft limestone 223; blue soft shale 233; light brown soft limestone 234. Water at 234.
Con	VII	•	3	E. McNeil		May 16,1963	4	10	115	94	•	D,S	Clay 15; sand 18; hardnan 55; sand 20; hardnan 158; blue rock 193. Water at 193.
Con	AII	**	10	Feel Twp School Area	•	Oct.29,1960	Ļ	8	160	148	•	P	Clay sand 6;hardman stones 26;quicksand 87;clay stones 94; sand 112;clay stones 138;sand 168;sand clay stones 192;sand 196;clay stones 228;blue soft shale 252;bluish green soft shale 268;brown soft caving shale 272. Water at 272.
Con	AIII	×	1	S. Boyd		Sep.19,1962	4	10	70	50	•	D,S	Clay 12; sand stones 20; hardpen 57; sand 77; hardnen 122; shale
Con	VIII			E. Schneider	J. Sauder	Jun. 9,1961	5	15	79	83	*	D,S	140; blue rock 156. Water at 156. Topsoil 3; yellow clay 13; stony blue clay 40; stony hardnen 60; sandy clay 64; hardnen 74; clay stones 85; soft blue clay 90; hardnen 15; soft brown clay stones 130; soft brown sandy clay 164; hardnen 175; boulders brown clay 198; red clay 204; boulders sticky soft clay 210; silty stony clay 215; silty clay 228. Water at 2164.
	IX			J. Verbeek	Durham Drillers	Sep. 9,1962	4	20	85	79	Fresh	D,S	Tonsoil 6; sandy clay 20; soft clay 100; boulders 115; stony clay 135; hard grey clay 160; stony clay 185; soft grey clay 200; fine sand 240; brown rock 260. Water at 250.
	IX			H. Deen	*	Jan.17,1961	4	5	95	95			Brown clay 10; hardnen boulders 25; send grovel 115; cemented sand 145; red clay stones 160; grey shale 185; blue limestone 254. Water at 26.
Con	IX		10	J. Hensme	Durham Drillers	Aug. 29,1962	14	19	120	110	•	D,S	Tonsoil 6; soft clay 20; herd grev clay 55; soft crey clay 0; stony grev clay 100; soft grev clay 115; boulders 135; herd clay 155; sandy clay 200; soft grev clay 245; sand 249; grey rock 260; brown rock 288. Water at 275.

	on XI		5	K.	. Duff	Durham Drillers	Dec.16,1963	4	15	85	80	"	D,S	Clay boulders 40; sandy clay 100; hard grey clay 115; boulders 125; hard sandy clay 200; grey sand 215; hard sandy clay 235.
								100						brown shale 241. Water at 238.
	Con XI		11	J.	DeWeerd		Dec.31,1963	4	10	152	148	•	D,S	
	Con XI		4.5	١,	Maulton In	Banes Drilling Co	Oat 25 1063	30	10	24	20	w	פת	grey limestone 286. Water from 270 to 282.  Brown clay gravel 4; grey clay 15; fine grey silt 25. Water at
	on Al		14	١,	mounter or.	Danies Dilling Go	.000.25,1905	00	10	24	20		2,5	20.
	Con XI	**	15	J,	. Downey	Durham Drillers	Mar. 7,1962	4	15	80	50		D,S	Topsoil 4; sand 10; sandy clay 90; sandy clay boulders 160;
	Con XI			1	Warmer	R. McLeughlin	Dec.28,1963		12	100			ם ת	gravel 170. Water at 170.
	on Al	100	19	10.	Martin	n. McLeughlin	Dec.20,1903	ا د	12	123	115		D,3	Clay 4; hardpan 15; red clay 32; hardpan 66; clay streaks sand 91; red clay small stones 213; gravel 216. Water from 213 to 216.
	Con XII		10	R.	Williamson	Durham Drillers	Mar. 8,1962	4	15	110	108		D.S	Clay 115; sand 125; hordoon 145; send 155; hordoon 160; gravel
				1					~~					165; stony clay 170; stony clay 200; gravel 205; stony clay 225;
+														sand 250; stony clay 270; blue clay 295; blue shale 320; rock
437	Con XIII		•	K	Rietkerk		Jan.20,1962	4	15	72	56		D,S	330. Water at 325.
	OH VIII		,	L.	, nietkerk		Jun. 20, 1962	-	15	/2	20		D, 3	Topsoil 2; clay 60; gravel 78; boulders stones 90; gravel sand 162; brown limestone 204. Water of 190, 198 and 202.
	Con XIV	195	10	W.	Archibald		Mer.15,1962	4	18	80	60		D,S	Clay 150; sand 170; stony clay 200; quicksand 220; clay 230; grey
							0.2							rock 232. Water at 230.
	Con XIV		21	D.	, Bott		Oct. 9,1962	4	15	40	30		D,S	Topsoil 2; clay stones 60; hardoon clay 120; cemented gravel
	Con XIV	m	22	W	Hebner		Nov.15,1962	h	15	25	18		D	227. Water at 220 and 227. Topsoil 2; clay 50; quicksand 120; clay stones 200; sand 210;
	O) II ALI		22		. Mediter		100.15,1902	-	15	65	16			gravel 218. Water from 200 to 21°.
	Con XIV	*	22	W.	E. Hammond		Nov.26,1962	4	25	2 <	18	•	D	Topsoil 2; clay 60; outc'son' 120; clay stones 200; sand clay
						_			-					202; grevel 205. Water from 200 to 205.
	Con XV				Skerritt		Oct.26,1962	4	15 15	60	24	- 1		Topsoil ?; sand 90. Water from 84 to 88.
	Con XVI	-	6	١,	. Gingirch	_	Dec.30,1963	4	15	10	7	-	D,S	Oper hole 18; clay 30; sand 45; sandy clay 69; sand 100; sandy
				1										cley 110; sand 120; sandy clay 135; hard clay hardban 157; gravel coarse sand 150; Water at 158.
	Con XVI	78.	8	J.	Beer	H	Nov.26,1963	4	20	50	35	-	D,S	Open hole 14; grey clay 125; sandy clay 150; sand 175; clay 210;
						120						_	_	sandy clay 220; sand 224. Water from 150 to 222.
	Con XVI	-	10	Ke	elley Bros.	-	Aug.17,1963	4	10	60	35		D,S	Topsoil 4; gravel boulders 30; soft gray clay 100; stony gray
														clay 130; send gravel 140; sand 150; hard grey clay 170;
														quicksand 175;gravel 190;sand gravel 195. Water from 120 to

105

150

173

100

10

12

6

12

63

87

140

163

50

Fresh

D,S

D.S

190.

161. Water at 161.

D.S

Dug well 22; sand clay 101; hardnan 128; clay sand 195; sand 203;

gravel 205. Water at 205.
Topsoil 1;hardoan boulders 27;sand gravel 90; cemented gravel

140; gravel sand 170; gravel clay stones 260; sand 261; brown limestone 299. Water from 280 to 295. Send 18; gravel 30; stony hordpan 62; outcksand 127; hordban

stones 147;gravel sand 177;hardoan 266;gravel hardoan 353; gravel 357. Water at 357. Topsoil 2; clay 30; clay gravel 34; hardpan 48; clay 62; sand

65; oulcksand 75; hardpen 115; loose hardpen gravel 128; gravel 130. Water at 129.

D,S Topsoil 2; clay 6; clay boulders 15; sandy clay 55; sand 57; clay

Clay 8; sand 19; hardpan 31; sand 40; hardpan 70; clay 105; gravel 108. Water at 108. Clay 30;hardban 92;sand 100;hardban 145;medium coerse gravel

clay gravel 203; coarse gravel 206. Water at 206.

100; fine sand 110; hard clay 113; coarse gravel 114. Water at 55, 105 and 113. Old dug well 31; clay small stones ?7; clay gravel 160; soft

WELLINGTON COUNTY - cont. Peel Twp. = cont. Con IX

Con X

Con X

Con X

Con XVI

Con XVI

Con XVII

Con XVII

lot 19 I. Schneider

" 11 E. Whole

" 15 H. Baumen

" 13 F. Volson

" 20 H. Hall

" 14 E. Coffey

\* 16 C. Hansen

" 18 V. Frev

G.L. Davidson

G.L. Davidson

R. McLaughlin

J.L. Graham

G.L. Davidson

Durham Drillers

Oct.19,1962

Jan. 5,1963

Cct. 2.1963

Nov. 5,1963

Dec.13,1963

Mar. 4,1961

Mar. 16, 1962

Nov.15,1961

106 1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

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FOCA	ATIC	N L		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING		T.EVET.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLINGTON			nt										
Peel Twp. Con XVIII	- c		6	A. Green	Durham Drillers	Jun. 9,1962	4	3		Flows	Fresh	D,S	Topsoil 5; yellow sand 20; blue clay 100; hardpan boulders 135;
Con XVIII	I	•	7	H. Beer	J. Sauder	Apr.19,1961	5	12	52	46		D,S	sand gravel 160;gravel 168. Water at 168. Topsoil 3;brown clay 21;cuicksand 30;blue clay 60;blue sandy clay 72;brown clay stones 105;sandy clay 107;blue clay 121; hardoen 125;red clay 131;quicksand boulders 180;white sand
Con XVIII	ľ		11	F. Gravell	Durham Drillers	Jan, 18, 1963	5	8	60	60		1	281; rough shale 284; solid grey limestone 298; brown limestone 302; brown rook 304. Water from 105 to 107 and from 302 to 304 Tops811 2; clay stones 40; sand 70; send gravel 78. Water from 75 to 78.
Con XIX		•	10	B. Richardson	•	Dec. 3,1963	4	5	55	48		D,S	Open hole 20; hardman 30; clay 55; coarse sand 60; clay 90; sand 135; gravel 137; sand 150; clay 165; sand 175; clay 185; cemented gravel 200. Water at 135 and 198.
Pilkington GRE Con A			3	Grand Valley Cons. Auth. Galt	J.L. Graham	Dec.18,1962	6	20	60	6	Fresh		Loose stony clay 7; broken brown rock 60; light brown rock 90; light grey rock 168; white grey rock 240; white brown rock 278; white grey rock 290; brown rock 315; dork brown rock 320. Water
GRE Con I	I	ж	4	M. Day	C. H111	Dec. 7,1961	4	10	60	45	-	D,S	at 240, 287 and 318. Clay large boulders 80; gravel large boulders 100; grey
GRE Con I	I	•	13	B. Assman		Sep.14,1962	4	6	90	15		D,S	limestone 215. Water at 215. Clay boulders 65; rough gravel 70; light brown limestone 158.
GRE Con I		:	14 16	R.J. O'Donnell H.C. Johnston	J. Cudney J.R. Sprowl	May 1,1962 Oct.28,1961	4 4	10 5	35 80	24 35	:	D D,S	Water at 158.  Stony clay 70; grey limestone 99. Water at 99.  Stony grevel clay 35; clay sand gravel 75; grey limestone
GRE Con I	II		13	A.Kampf	J.L. Graham	Oct.15,1963	5	10	60	40	•	D,S	layers black flint 179. Water at 85 and 175. Dug well 15; fine brown send 24; soft blue clay 36; hard stony clay 65; soft sandy clay 89; stony hardown 96; brown limestone 107; grey limestone 148; dark grey stone 167; brown black
GRE Con I	II		15	W. Bennett		Aug.29,1961	5	10	65	55		D,S	limestone 171. Water at 170. Topsoil 2; brown clay gravel 15; grey clay gravel 90; fine sand
GRE Con I	II	*	15	N.E. Wain	C. Hill	May 31,1963	4	12	50	27		D,S	gravel 102; medium brown rock 113. Water at 113. Clay stones 40; sand gravel 50; clay 81; gray limestone 117.
OFRE Con I	III		4	G. Detweiler	J.L. Graham	Sep.24,1963	4	10	55	50		D	Water at 117. Topsoil 1;gravel brown clay 34;gravel 65;medium brown rock
GRE Con I	III		12	G. Gammie	*	Sep.15,1961	5	10	55	35		D,S	95. Water et 95. Dug well 22; silt fine sand 28; grey hardban 95; rrey rock 167.
GRE Con V	7	•	12	W.L. Kurtz	•	Jan.17,1962	5	10	60	16	•	In	Water from 135 to 167. Topsoil 1; brown cley gravel 15; fine sand gravel 19; brown clagravel 90; fine sand gravel 109; light brown rock 155. Weter
GRW Con A	A		1	W. Henderson	C. Hill	Dec.13,1962	4	15	50	2		D	from 130 to 155. Old dug well 24; gravel fine sand 31; grey limestone 113. Wate
GRW Con A	A		4	M. McCrae	J.L. Graham	Nov. 3,1960	5	10	120	45	*	s	at 113. Dug trench 5; gravel brown sandy clay 23; brown hardown 45;
GRW Con A				J. Sealey M. MacRae	J. Cudney J.L. Graham	Dec.14,1961 Jun. 7,1962	4 5	11 6	20 120	9 20	:	D In	brown limestone 157. Water at 155. Stony clay 15;grey limestone 80. Water at 80. Tonsoil 2;white rock 85;light brown rock 98;white rock 153.
GRW Con A GRW Con B			7 11	R. Bosomworth R. Chemberlain	C. Hill J.L. Graham	Jan.12,1961 Jul. 9,1963	4 5	8	10 40	Flows 35	:	D,S D	Water from 40 to 152. Clay shale 25;grey limestone 72. Water at 72. Dug well 25;grey hordman gravel 63;grovel boulders 70;brown fine sand 108;blue shale limestone 140. Water at 140.

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			N COUNT												
	GRW		on Twp. B	- c lot	ont 11	H. Penfield	J.L. Graham	Nov.27,1961	5	8	80	35	Presh	D	Old dug well 32; hardoon boulders 94; fine brown send 89; herd grey clay 96; packed grevel 105; alternating shale 138; blue
	GRW	Con	II	н	4	A. Grabbe	Durham Drillers	Dec.22,1962	4	15	70	65		D,S	shale 152. Water at 140. Topsoil 2; clay 22; clay stones 112; clay boulders 160; quicks and 220; sand 230; clay stones 240; cemented gravel 245; blue shale 265. Water from 260 to 265.
	GRW GRW GRW GRW GRW	Con	I	**	15	A. Shafer C. McLean M. Thomas E. Martin Martin Feed	J. Gudney  " G.L. "avidson Hadco WellDigging	Nov. 7,1963 Nov.20,1963 Dec.12,1963 Jul.13,1962 Mar.12,1963	4 4 9 30	12 9 14 12 20	25 40 40 25	14 23 23 Flows 10		D D	Dug well 8;gravel fine sand 24; Water at 48. Gravel 40;gravel limestone 70. Water at 70. Dug well 24;gravel 35;gray limestone 78. Water at 78. Blue clay 37;gravel 40. Water at 40. Topsoil 2;brown clay rocks 10;blue clay 25;gravel clay 30.
	GRW	Con	Δ	н	7	Mills H. Shoemaker	*	Dec.20,1960	30	50	37	20		D,S	Water at 25. Tonsoil 1; brown clay 24; blue clay 26; blue hordown 32; gravel
	GRW	Con	VI		1	E. Bauman	G.L. Davidson	Aug.11,1962	4	10	60	52		D,S	send 38. Water et 32. Hardpan 30; blue clev 58; hardpen 146; send gravel 148. Water
	GRW	Con	VI		3	J. Bruder	R.I. McLaughlin	Jun.10,1963	7	15	60	45		D	et 148. Topsoil 5;hordoon 15;cley 30;hordoon 63;auicksand 67;hardoon
	GRW GRW			**	9 10	A. Wilson Bethel Mennonite	Hadco WellDigging	Mer.13,1963 Apr.19,1961	30 30	4 6	28 39	8 25	:	D D	70; gravel 73. Water at 70. Tomsoil 2; brown clay 24; sand 30. Water at 25. Tomsoil 1; brown clay stones 12; blue clay 22; hardnon 36; gravel 37; blue clay 40. Water at 22 and 36.
r.1	GRW	Con	VI	*	10	Church L. Brubacher	н	Oct. 4,1961	30	8	20	11	я	s	Topsoil 1; brown clay 9; brown send 1h; gravel 141; blue send 16; blue clay 18; blue sand 20. Water at 14.
)	Pusli	inch	Twp.											000	
	Con	I		lot	2	Swastika Beach	L.C. Shantz	May.21,1960	5	15	32	9	Fresh	P	Clay gravel 69 grey limestone 158. Water at 155.
						Ltd.		-0,			20	,	News, 520001 /		120, 82-102 30,820, 21-10010 130, 4002 11-1331
	Con	I			2	T. Sheppard	J.L. Graham	Nov.29,1961	4	12	35	10	W	D	Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine
	Con Con				2								News, 520001 /	D D	Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93. Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 135; grey coerse sand 138. Water
		I		"		T. Sheppard		Nov.29,1961	4	12	35	10			Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93. Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 135; grey coarse send 138. Water at 138. Dug well 20; brown clay gravel 35; grey clay sand seams 100; b
	Con	I		"	2	T. Sheppard E.Seegmiller	J.L. Graham	Nov.29,1961 May 2, 1962	4	12 8	35 55	10 45	я	D	Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93.  Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 135; grey coerse sand 138. Water at 138.  Dug well 20; brown clay gravel 35; grey clay sand seams 100; b brown rock 108. Water at 108.  Sandy losm 40; sendy clay 90; clay gravel 95; clean gravel 103.
	Con Con	I I		" "	2 2	T. Shennard E.Seegmiller R. Malloy	J.L. Graham #	Nov.29,1961 May 2, 1962 Jun.25,1963	4 5 4	12 8 10	35 55 35	10 45 15	и.	D D	Tobsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93.  Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 135; grey coerse sand 138. Water at 138.  Dug well 20; brown clay grevel 35; grey clay sand seams 100; b brown rock 108. Water at 10°.  Sandy losm 40; sendy clay 90; clay gravel 95; clean gravel 103. Water at 103.  Topsoil 1; brown clay fine sand 25; grey clay fine sand 96;
	Con Con Con	I I I		11 11	2 2	T. Sheppard E.Seegmiller R. Melloy T. Corelli	J.L. Graham " " W. Packham	Nov.29,1961 May 2, 1962 Jun.25,1963 Jun.28,1963	4 5 4 6	12 8 10 25	35 55 35 20	10 45 15	# # # # # # # # # # # # # # # # # # #	D D	Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93.  Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 135; grey coerse send 138. Water at 138.  Dug well 20; brown clay gravel 35; grey clay sand seams 100; b brown rock 108. Water at 109.  Sandy losm 40; sendy clay 90; clay gravel 95; clean gravel 103. Water at 103.  Topsoil 1; brown clay fine sand 25; grey clay fine sand 96; gravel 99; light brown rock 100. Water at 100.  Dug well 18; gray clay sand seems 75; grey sand 98; gravel 100.
	Con Con Con	I I I		11 11 11	2 2 2	T. Sheppard E.Seegmiller R. Melloy T. Corelli N. Lee	J.L. Graham " " W. Packham	Nov.29,1961 May 2, 1962 Jun.25,1963 Jun.28,1963 Jul.17,1963	4 5 4 6	12 8 10 25	35 55 35 20 50	10 45 15 12	# # # # # # # # # # # # # # # # # # #	D D D	Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93.  Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 195; grey coarse sand 138. Water at 138.  Dug well 20; brown clay gravel 35; grey clay send seams 100; b brown rock 108. Water at 109.  Sandy losm 40; sendy olay 90; clay gravel 95; clean gravel 103. Water at 103.  Tonsoil 1; brown clay fine sand 25; grey clay fine sand 96; gravel 99; light brown rock 100. Water at 100.  Dug well 18; grey clay sand seems 75; grey sand 98; gravel 100. Water at 100.  Topsoil 2; grey clay gravel 10; brown clay fine sand 25; brown
	Con Con Con Con	I I I I		n n	2 2 2	T. Sheddard E.Seegmiller R. Melloy T. Corelli N. Lee J. Grezory	J.L. Graham " " W. Packham	Nov.29,1961 May 2, 1962 Jun.25,1963 Jun.28,1963 Jul.17,1963 Nov.15,1963	4 5 4 6 5	12 8 10 25 10	35 55 35 20 50 25	10 45 15 12 15 22	# # # # # # # # # # # # # # # # # # #	D D D D D	Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93.  Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 135; grey coerse sand 138. Water at 138.  Dug well 20; brown clay gravel 35; grey clay sand seams 100; b brown rock 108. Water at 10°.  Sandy loam 40; sendy clay 90; clay gravel 95; clean gravel 103. Water at 103.  Topsoil 1; brown clay fine sand 25; grey clay fine sand 96; gravel 99; light brown rock 100. Water at 100.  Dug well 18; grey clay sand seems 75; grey sand 98; gravel 100. Water at 100.  Topsoil 2; grey clay gravel 10; brown clay fine sand 25; brown clay gravel 71; light brown rock 70. Water at 7?.  Old dug well 12; soft clay stones 30; grey clay 70; fine grey
	Con Con Con Con Con	I I I I		***	2 2 2 4 5	T. Sheppard E.Seegmiller R. Melloy T. Corelli N. Lee J. Gregory A. Webber	J.L. Graham " " W. Packham	Nov.29,1961 May 2, 1962 Jun.25,1963 Jun.28,1963 Jul.17,1963 Nov.15,1963 Aug.20,1963	4 5 4 6 5 5 6 5	12 8 10 25 10 15	35 55 35 20 50 25 35	10 45 15 12 15 22 6	**	D D D D D D D	Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93.  Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 135; grey coerse send 138. Water at 138.  Dug well 20; brown clay gravel 35; grey clay sand seams 100; b brown rook 108. Water at 10°.  Sandy loem 40; sendy clay 90; clay gravel 95; clean gravel 103. Water at 103.  Topsoil 1; brown clay fine sand 25; grey clay fine sand 96; gravel 99; light brown rook 100. Water at 100.  Dug well 18; grey clay sand seems 75; grey sand 98; gravel 100. Water at 100.  Topsoil 2; grave clay gravel 10; brown clay fine sand 25; brown clay gravel 71; light brown rock 77. Water at 77.  Old dug well 12; soft clay stones 30; grey clay 70; fine grey sand 86; coarse gravel 91. Water at 91.  Dug well 35; clay send 60; coarse stone gravel 77. Water from
	Con Con Con Con Con Con Con	I I I I I		**	2 2 2 2 4 5	T. Shebbard E.Seegmiller R. Malloy T. Corelli N. Lee J. Grezory A. Webber R.A. Stricker J. Huffman Presbyterian	J.L. Graham  W. Packham  J.L. Graham  ""  W. W. Packham	Nov.29,1961 May 2, 1962 Jun.25,1963 Jun.28,1963 Jul.17,1963 Nov.15,1963 Aug.20,1963 Oct. 4,1963	5 4 6 5 6 5	12 8 10 25 10 15 30	35 55 35 20 50 25 35 32	10 45 15 12 15 22 6		D D D D D D D D D D D D D D D D D D D	Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93.  Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 135; grey coarse send 138. Water at 138.  Dug well 20; brown clay gravel 35; grey clay send seams 100; b brown rook 108. Water at 109.  Sandy loem 40; sendy clay 90; clay gravel 95; clean gravel 103. Water at 103.  Tonsoil 1; brown clay fine sand 25; grey clay fine sand 96; gravel 99; light brown rook 100. Water at 100.  Dug well 18; grey clay gravel 100. Water at 100.  Water at 100.  Topsoil 2; gray clay gravel 10; brown clay fine sand 25; brown clay gravel 71; light brown rock 77. Water at 77.  Old dug well 12; soft clay stones 30; grey clay 70; fine grey sand 86; coarse gravel 91. Water at 91.  Dug well 35; clay send 60; coarse stone gravel 77. Water from 75 to 77.  Dug well 50; heavy gravel 60; sandy clay 116; limestone 127.
	Con Con Con Con Con Con Con Con Con	I I I I I I		***	2 2 2 2 4 5	T. Shebbard E.Seegmiller R. Melloy T. Corelli N. Lee J. Gregory A. Webber R.A. Stricker J. Huffman	J.L. Graham  W. Packham  J.L. Graham  ""  W. W. Packham	Nov.29,1961 May 2, 1962 Jun.25,1963 Jun.28,1963 Jul.17,1963 Nov.15,1963 Aug.20,1963 Oct. 4,1963 Nov.25,1961	4 5 4 6 5 5 6 5 6	12 8 10 25 10 15 30 10 20	35 55 35 20 50 25 35 32 25	10 45 15 12 15 22 6 12		D D D D D D D D D D D D D D D D D D D	Topsoil 2; brown clay fine send 60; grey clay 86; grey clay fine send 91; pea stone gravel 93. Water at 93.  Topsoil 1; fine brown send 18; brown send clay 36; brown send fine sand 85; grey fine send 135; grey coarse sand 138. Water at 188.  Dug well 20; brown clay gravel 35; grey clay sand seams 100; b brown rock 108. Water at 109.  Sandy losm 40; sandy clay 90; clay gravel 95; clean gravel 103. Water at 103.  Tonsoil 1; brown clay fine sand 25; grey clay fine sand 96; gravel 99; light brown rock 100. Water at 100.  Dug well 18; grey clay gravel 10; brown clay fine sand 25; brown clay gravel 71; light brown rock 77. Water at 77.  Old dug well 12; soft clay stones 30; grey clay 70; fine grey sand 86; coarse gravel 91. Water at 91.  Dug well 35; clay sand 60; coarse stone gravel 77. Water from 75 to 77.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	ING	LEVEL.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLING	GTON CO	UNTY	cont										
Con :	nch Twp II	lot	nt. 5	J.S. Blake	L.C. Shantz	Nov. 1,1962	5	15	11	10	Fresh		Topsoil 1; clay gravel 38; silty sand clay gravel 69; cerented gravel 70; grey limestone 75. Water at 74.
Con		*	5	N. Golightly H.E.Freiburger	W. Packham	Feb. 7,1963	6	15 15	90	23	*		Dug well 22; clay gravel 79; rock 99. Water at 94. Topsoil 1; stones gravel 8; fine sand clay 65; gravel 68; broke
Con			-	N. Purdy	•	Dec.19,1963	5	12	15	5		D	rock limestone 70. Water at 70. Topsoil 2: fine send 34: stones send 40: fine send 65; bea ston
Con	II	•	7	J.H. McLean	•	Nov.14,1963	4	15	25	12		D	gravel 67. Water at 67. Dug well 14;gravel brown clay 30;grev clay fine sand 45;gre; clay grevel 90;cemented gravel 98;light brown rock 100. Water
Con	II		8	Ont.Dept. of	King City Well	Dec.14,1961	63	20	37	35	•	P	at 120. Topsoil 1; clay boulders 33; sand 52; brown clay 62; coarse sand
Con	II	•	8	Highways	Drilling Co.Ltd.	Mar.16,1962	6 <del>1</del>	18	28	20	•	P	99. Water at 60. Topsoil 1; clay stones 28; gravel 42; coerse sand 60; grovel 71 Water at 60.
Con	II		8	•	•	Mar.30,1963	6 <del>1</del>	30	30	20	•	P	Toosail send loam stones %; clay boulders 60; send clay mixtu 72; derk srey clay %%; yellowish clay send gravel mixture 100 Weter from 90 to 100.
Con	II	•	9	-	•	Dec. 8,1961	6 <del>}</del>	16	22	20	•	P	Clay boulders 10; coarre gravel 24; brown sand clay 41; sand 5 red clay 64; coarse sand 93. Water at 64.
Con		*	9		•	Mar.30,1963	7			23	•		Clay boulders 27; fine sand clay 75; fine sand 82; coarse gray sand 192. Water from 90 to 102.
Con				J. Gitton W.N. Proud	W. Packham J.L. Graham	Mar.26,1962 Jul.21,1960	6	30 10	30 40	20 18	:		Stony clay 35; sandy clay 90; send 95; gravel 103. Water of 10 Rocky fill 4; boulders 18; boulders clay 28; clay sand 58; hardon 85; gravel sand 92; black grey sand limestone 115; brostone 133; derk limestone 135. Water from 130 to 135.
Con	11		11	Dr.H.G.Downie	W. Packhom	Nov.17,1962	6	24	35	32	•	D	Stony clay 20;gravel clay 50;silty sand 90;sond gravel 94; rock 98. Water at 96.
Con				G. Mueller	J.L. Graham	Feb.15,1963	5	20	20	8	•		Topsoil 1; corree gravel 50; fine sand brown clay 20; stany hardran 75; brown rock 112; black rock 115. Water at 115.
Con				W. Burrows	W. Packham	May 19,1962	6	16	35	2.6	1 :		Gravel stones 25; sand gravel 45; gravel 48. Water at 48.
Con				J. Seaton	C. H111	Sep. 3,1960	4	10		23 12		D D	Clay 51; light grev limestone 10°. Water at 10°.
Con		**	1	E. Stric'er W. Seston	-	Sep.25,1961 Apr. 6,1962	h	10	30	19		D D	Clay boulders 39; grey limestone 96. Water at 96. Clay 47; grey limestone 101. Water at 101.
Con			4	H. Becker	W. Packham	Dec. 7,1962	6	25	26	25		Ď	Fit 4; send 25; send ar vel clay 60; fine send 70; coerse send arrayel 79. Water from 75 to 79.
Con			-	A. Allardyce	HadcoWell Digging		30	2	29	25		D	Topsoil 1; brown sand clay 3; brown sand 13; grey clay 24; brow sand 30. Water at 24.
Con	111	•	9	Wellington County Tree Farm	J.L. Grahem	Mer.12,1962	5	10	40	23		D	Dug well 29; coarse sand gravel 54; fine grey sand 65; fine sa coarse gravel 79; light brown rock 125; dark brown rock 126. Water from 90 to 126.
Con				H. Etherington		Nov.20,1962	6	15	20	10	"	D	Gravel stones 15; sand gravel 25; sand 75; limestone 91. Mater at 85.
Con	III	•	13	M. Conroy	J.L. Graham	Dec. 5,1961	5	10	80	32		D,S	Dug well 30; fine sand 36; brown clay fine sand 62; fine sand 68; grey clay 81; coarse sand 102; medium brown rock 138. Wate from 124 to 138.
Con				G. Trump	W. Packham	May 25,1962	6	10	95	45		S	Loam gravel stones 25; sand gravel streaks clay 90; sand grave 95; coarse gravel 98. Water at 08.
Con				J. Stitt		Dec. 21,1962	6	20	38	35	•		Sandy clay grovel 30; silty sandy clay 90; sand gravel 97; grovel 103. Water at 103.
Con	IA	•	3	P.U.C.	International Water Supply Ltd.	Oct. 9,1952	10					N	Tonsoil 2; dirty sand gravel hard streeks boulders 29; brown limestone 33; grey limestone 73.

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		GTC1 _ COUNT												
á	Con	Inch Twp	lot	10	J. Mayes Sr.	J.L. Graham	Dec. 4,1963	5	10	40	30	Fresh	D,S	Tonsoil 2;brown clay stones 23;brown clay gravel 34;grey hardban 66;grey fine sand 90;grey hardban 95;brown fine sand 92;light brown rock 122. Weter from 92 to 122.
	Con			6 7	C.O. Heath M. Dowling	HadcoWell Digging J.L. Graham	Jul.12,1963 Nov. 9,1962	30	3 10	7 <sub>8</sub>	4 43	:	D D	Topsoil 2; sendy clay 8; send 10. Water at 4 and 10. Topsoil 2; brown clay 8; send 25; fine brown sand 75; fine sand gravel 85; broken limestone 92; light brown rack 113. Water
	Con	IA	•	16	s.s.# 3	•	Mar. 7,1962	5	10	55	40	•	P	from 95 to 113. Tonsail 2;brown clay stones gravel 52;grey fine silt 68; grey hardnan 75;grey fine sand clay 93;grey hardnan small stones 97;brow light rock 135. Water from 103 to 135.
	ζ'n	IV	•	16	H. Clough	W. Packhem	Sep. 6,1962	6	24	90	60	•	ם	Stony clay 45; sandy clay 75; silt sand 100; limestone 128.
	Con	IV		19	H. Brandl	H	Oct.22,1963	6	25	60	53		D,S	Pit 5; sandy clay gravel stones 75; muddy silty sond 120; sond gravel 125; gravel 130. Water at 130.
	Con	IA	•	21	D. Bakker	J.L. Graham	Feb. 6,1962	4	8	115	60	•	D,S	Parge boulders clay 10; clay small stones 45; soft grey clay 70; brown clay 82; grey clay 100; lorge stones 1'0; brown rock 190; black rock 205; light grey rock 230. Water at 215.
	Con		*	6	C. Lisso R. Male	C, Hill	Mer. 6,1962 Mer.12,1962	4	10 10	65	40	:	ם מ	Clay small streaks gravel 33; grey limestone 100. Water at 108. Rough gravel 20; grey limestone 64. Water at 64.
	Con	Ÿ		14	E. Dalton	J.L. Graham	May 30,1963	5	25	70	21 44	•	ă	Fine brown sand 22; corree gravel stones 36; clay gravel 52; stony hardpon 66; brown light stone 98; grey light stone 132; dark stones 144; dark rock 164; black soft rock 182; grey light stones 190. Weter at 182.
1441	Con	VI	*	16	J. Hanlon	*	Apr.15,1961	4	10	80	34	-	D	Clay boulders 20; clay sand 48; light brown rock 117; dark brown rock 153. Water at 153.
		AII	:	1	F. Brett W.J.Ditchfield	C. Hill J.L. Graham	Oct. 1,1960 Oct. 21,1960	4	6 10	100 50	12 28	:	P D	Gravel 57; light brown limestone 105. Water at 105. Fill 2; rolling stones 8; fine send 16; clay small gravel 22; hard racked gravel 67; hard gray clay 80; brown limestone 132;
	Con	VII	•	1	S. Girling	•	Aug. 7,1962	4	5	100	25	•	D	black stone 139. Water from 125 to 139. Tonsoil 1; sand gravel 20; rrey clay gravel 45; stony grey clay 60; gravel stones 68; hard backed sand 75; brown limestone 135; grey limestone 142; black rock, Water at 141.
	Con	IIV		1	R. Pearson		Aug.27,1962	4	7	80	20		D	Sandy gravel 45; stony grev clay 60; brown limestone 135; black limestone 140. Water at 140.
	Con	AII		3		W. Packham J.L. Graham	Dec.?7,196? Oct.14;1963	6 4	20 12	85 25	32 17	:	D D	Dug well 20; sondy cloy 20; limestone 103. Water at 95. Topsoil 1; brown clay growel 34; grey hardman 47; light brown rock 104; dark brown rock 108. Water at 108.
		AII		4	F. Cotter G.& S.Galiness	C. Hill J.L. Graham	May 27,1961 Nov. 9,1962	5	15 10	30 15	14 6	•	C	Gravelly clay 35;gravel 48;grey limestone 96. Water at 96. Tobsoil 2;brown clay stones 12;gravel brown clay 33;grey hardon 38;brown clay gravel 40;light brown rock 70. Water
	Con	IIV	*	4	J. Hert	*	Dec.11,1963	4	10	30	32		D,S	from 68 to 70.  Dug well 25;grevel brown clay 36;grey hardnen 5°;light brown
	Con	IIV	×	5	W. Schwartzen-	C. Hill	Dec. 7,1963	4	10	30	21	•	D	rock 112;dark brown rock 128;black rock 130. Water at 130. Previously dug well 23;gravel 53;brown limestone 107. Water at 107.
		AII		5 7	Gerrit-Ottema	J. Cudney J.L. Graham	Jul. 1,1962 eb.17,1961	4 4	6	65 13	40 8	,	D D	Stony clay 80; orey limestone 152. Water at 152. Topsol' 1; gravel stones 18; brown clay gravel 40; coarse sand 42: gravel 45, Weter from 42 to 44.
	Con	VII		7	Dundes Producers	S. Gill	Jun.17,1961	6	12	20	10	•	D,S	Brown clay 4; clay gravel 45; fine sand 56; grey rock 106. Water st 101.
	Con	VII	*	7	F. Cremasco	J.L. Graham	Mar.28,1962	4	15	23	5	•	D	Dug well 10; coarse sand gravel 16; gravel brown clay 40; gravel coarse sand 46; light brown rock 58. Water at 58.
	Con	AII		7	Dundes Producers	s, Gill	Jun.20,1963	7	8	168	26		s	Brown clay 4; clay stones 50; fine sand 50; rock 177. Water at 110 and 165.
				-			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	38. 2.09			W. C.	70		

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	LEVEL.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	NGTON COUNTY											× = 1	
	inch Twp		t.										
Con	AII	lot		W.J. Clarke A. Regerson	J.L. Graham	Jun. 4,1960 Feb. 3,1961	4	12 12	12	12 8	Fresh	D	Brown clay stones 33; brown limestone 73. Weter from 50 to 73. Topsoil 1; gravel stones 23; brown clay gravel 35; dark brown limestone 100. Water from 45 to 99.
Con	VII			W.J. Clarke		Jul.12,1961	4	15	19	15		D	Topsoil 1;gravel stones 12;gravel brown clay 37;brown rock 20 Water at 69.
	VII		U	G. Pentelow	W. Packham	Oct.23,1961	6	16	40	9			Stony clay 10; sandy loam gravel 40; gravel 49; limestone 53. Water at 49.
	AII			R. Stickney	J.L. Graham	Mar.14,1962	4	10	45	10	*		Topsoil 2; brwn clay gravel 34; grey hardman gravel 49; light brown rock 58. Water at 58.
	VII			A. Zess J. Zeller		Mar.19,1962 Jul.26,1962	5	10	30 9	14			Tensoil 2; brown clay gravel 19; brown clay coarse sand 29; grey clay travel 38; light brown rock 75. Water at 75.
	AII		ο Ω	A. Skiba	C. H111	Aug.31,1962	) L	6	70	9		_	Tensoil 1;grvel boulders 22;gravelly hardnen rock 55;brown limestone 93. Water at 93. Gravel 43;light brown limestone 95. Water at 95.
	VII		8	C. Blake	**	Nev. 2,1963	4	10	40	12			Dug well 11; gravel 32; grey limestone 81. Water at 81.
	VII	R		J. McPhail	•	Oct.28,1963	4	31	75	12 16		D	Dug well 15; gravel 31; grey lime-tone 87. Water at 87.
	VII			G. DeKruyf		Oct.30,1963	4	3 }		15 44		D	Dug well 14;gravel 29;grey limestone 90. Water at 90.
Con	VII	.#	10	G. Rutherford	J.L. Grehem	Apr. 4,1962	4	12	80	1414		D	Clay large boulders 42; soft blue clay 89; hard backed sand 102; medium brown rock 128; light brown rock 149; soft broken rock 152; sand seam, Water at 150.
Con	VII		11	A. Aiken	*	Mar.12,1963	5	10	80	44			Heavy boulders clay 20; boulders hardban 35; loose stones grawel 45; brown hardban 70; brown sand 82; hardban 90; brown rook 123; 11 aft grey rook 127; brown rock 136; 13 aft brown rock
Con	VII	×	12	J.Gilbertson		Nov.23,1962	4	9	95	80	•	Д	138. Water et 138. Dug well 25;grey clay stones 48;brown clay sand gravel 82; grey clay 97;gravel sand gravel streaks 101;grey clay 123; light brown rock 165;medium dark brown rock 173. Water &b
	VII			B. Rebinson	•	Apr.16,1963	5	10	120	58	*		154 and 173. Toosoil 1; brown clay grovel 45; brown clay stones 60; brown clay medium sand 75; grey hordon 135; grey hord grovel 141; light brown rock 180; light grey rock 230. Water at 170 and 230.
100	AII	*		W.J. Clorke		Aug.15,1962	41/2	10	90	70	*		Tobsoil 1; brown clay gravel 40; coorse cand growel 112; grey limestone 147. Water at 147.
	AII			E.V. Thompson D. Pentelow	W. Packhom	May 17,1960 Jun.13,1961	6	20 15	10 50	20	*		Gravel loam 35; gravel send 40; coorse gravel 44. Water at 44. Loam clay gravel 50; sand gravel 5h; white limestone 60. Water
Con	All		21	R.B. Ward	•	Jun. 8,1962	6	24	20	10		מ	at 54. Old dug well 20;stony sandy clay grovel 46;limestone 92. Weter at 46.
	AII			R. McLesn		Mey 4,1961	6	20	20	15		D	Clay loom grovel 30; sand grovel 54; white limestone 60. Water et 57.
	AII	**		United Church Aberfoyle		Nov.18,1961	6	10	50	18			Sandy loam gravel 20; sandy clay 49; limestone 59. Water at 56
15.000	VII			R. McCaig Duff's Church		Nov. 8,1963 Oct.22, 1960	6	30 10	25 25	14 21		100	Tonsoil 2; send gravel 12; send clay 40; send gravel 45; gravel broken rock 48. Water at 48. Stony clay 15; gravel 25; sand gravel 95; medium gravel 100.
	AII			Supertest Pet- roleum Corp Ltd		May 31,1961	5	10	60	49		С	Water st 95. Top fill 2;topsoil 3;loose stones clay 10; clay boulders 38; hardpan stones 70; fine sand 74; coarse gravel 88; light brown limestone 91; dark brown limestone 113; brown limestone 115. Water from 91 to 115.

		GTON_COU												
	Con Con		- con	31	M. Debo M. McEdwards	W. Packhom	Jun.16,1961 Jun.22,1962	6	10 24	20 40	10 34	Fresh Sulphur	D D	Gravel clay 35;gravel 41. Water from 39 to 41. Clay gravel 20:coarse gravel 30; fine gravel sand 80; shale 82;rock 84. Water at 82.
	Con	VII	•	31	A.w.Finkheimer	•	Sep.14,1962	6	24	35	20	Fresh	מ	Sandy clay small stones 20; sand gravel 65; medium gravel 70.
	Con	VII	*	33	R. DeVries	•	Mar.10,1960	7	20	90	37	•	s	Old dug well 27;stony cley ^7;white limestone 112. Water at 110.
	Con	VII		33	W. Winer		Mer.14,1962	6	25	35	30	*	S	Old dug well 30; clay sand gravel 62; shale 65; limestone 80.
	Con Con	VIII	*	36	E. Pantelow D.L.Pazani Const. Ltd.	J.L. Grahem	Nov.16,1963 Jen.26,1960	6 10	5 200	40 96	16 56	Sulphur	D P	Dug well 12:stony clay 37:limestone 49. Water at 45. Topsoil 2:stones clay coarse gravel 15:brown sand clay coarse gravel 41:brown limestone 00:derk brown limestone 115:black rock 155:light blue rock 214:light gray rock 227. Water at 60
	Con	MIII	*	4	A. Smellie	*	Oct.23,1963	5	12	40	16	Presh	ם	and 226.  Fine sent clry 17; clay gravel 44; stony hardpan 52; brown limestone 104; black limestone 140; dark gray limestone 145.  Water at 144.
	Con	VIII		5	R.W. Stafford	J. Gudney	Mar.16,1962	iş.	9	60	30	*	D	Gravelly clay 15; vellow clay 76; hard brown limestone 125.
	Con	VIII		5	D. Campbel		Mer.29,1962	4	41	60	27	"	D	Gravelly clay 15; yellow clay 68; grey limestone 110; hard black rock 144. Water at 144.
	Con	AIII	#	5	J. Menn		Jun.20,1962	4	7	70	30		D	Sandy clay 15; clay 63; grey limestone 125; hard black rock 158.
91.	Con	VIII	(10)	6	A. Johnson	80	Oct.27,1961	4	5	70	19		D	Hard brown clay 10; fine brown sand 23; brown hardnan 56; brown rock 84; dark brown rock 92. Water at 90.
443	Con	VIII		6	J.Gansekoele	J.L. Graham	Oct.24,1962	4	10	20	16		D	Dug well 9; brown clay gravel 34; grey hardman 45; fine sand comented gravel 58; gravel 64; comented gravel 65. Water at 65.
	Con	VIII	*	7	P. Dawson		Aug.30,1960	4	10	46	44	88	D	Sand clay others 15; sand clay 61; gravel 62; clay 67; cented gravel 91; brown rock 107; black rock 127. Water from 107 to 127.
	Con	MIII	**	7	J. Matenko		May 16,1960	5	60	130	46		כ	Clay boulders 70; sandy clay 80; herdpen clay 96; cemented gravel 102; brown limestone 110; black rock 140; grey rock 147; blue arey rock 164. Water from 147 to 164.
	Con	IIIV		7	•		May 18,1961	4	10	60	34		D	Clay small boulders 56; fine sand 63; stony hardon 95; prey rock 110; derk grey rock 131; hord rock 132. Water at 132.
	Con	AIII	**	7	•	н	Oct.11,1961	4	10	60	3P	*	D	Clay boulders #C; stony hordnen 70; harr grey clay 100; coarse gravel 114; light brown rock 120; derk brown rock 136. We'er at 135.
	Con	MIII	*	7		•	Nov.13,1961	4	8	60	9	*	D	Stony clay boulders 58; brown rock 95; herd black rock 114.
	Con	VIII	*	7	**	-	Dec.30,1961	4	8	70	25	*	D	Topsoil 1; brown clay stones 15; brown clay gravel 75; brown clay sand 89; coorse grovel fine medium sand 91; medium brown
	Con	VIII		7			Oct. 4,1962	4	10	15	9	*	D	rock 110;dark brown rock 132. Water from 110 to 132. Tonacil 1;brown clay stones 32;grey clay 36;gravel sand 48;
	Con	VIII	10	7	•	•	Jul.23,1962	4	12	50	9		D	light brown rock 85. Water of 85. Smell stones clay 20; clay sand 50; light brown rock 80; dark brown rock 85. Water from 83 to 85.
	Con	VIII			•	•	Sep. 4,1962	4	10	40	35		D	Topsoil 1; brown claw 54; stones gravel 57; gravel 60; grey clay 66; grey clay gravel 70; brown rock 95; black rock 130. Water from 112 to 130.
	Con	VIII		7	•		Feb.11,1963	5	10	55	34	•	D	Clay boulders 55; fine sand gravel 70; stony hordban 96; brown rock 120; dark brown rock 128; black white rock 134. Water from 130 to 134.
	Con	VIII	•	7	Ronald Constr.	Ladco Drilling	Jun.20,1963	4	10	50	47		D	Brown cley rocks 12; grey clay rocks 115; dork grey licontona 14C: Water from 137 to 138.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	NGTON COUNTY inch Twp												
Con	VIII	lot		C. Verdone	C. H111	Aug.30,1963	4	7€	65	18	Presh	D	Clay boulders 58; brown limestone 90; hard brown rock 103.
Con	VIII		7	W.J. Clarke	J.L. Graham	Oct.17,1963	4	10	15	9	•	ם	Water at 103. Topsoil 1;grevel 15;send gravel 32;grey clay send 55;light
	AIII		7 8	P.E. Henlon L. Anderson	C. Hill J.L. Graham	Dec.31,1963 Jul.21,1961	4	10 6	40 40	10 15	:	D	brown rock 86. Water at 86. Stony gravel send 67; brown limestone 102. Water at 102. Topsoil 1; stones gravel 20; gravel grey cley 34; hardpen 38;
Con	VIII		8	M. McMulty	•	Peb, 13, 1962	5	15	35	16	٠	D,S	light brown rock 60. Water at 60. Toosoil 2; stones gravel fine silt 18; gravel brown clay 30; boulders brown clay 32; brown hardoan gravel 46; light brown
Con	VIII		8	J. DiCicco	•	Apr.20,1963	4	7	40	10	•	С	rock 72; medium dark brown rock 95. Water from 82 to 95. Tonsoil 1; brown clay stones 18; brown clay gravel 72; light brown rock 88. Water at 88.
Con	AIII	*	9	M. Parley	•	Peb.16,1962	5	8	60	19	•	~ 1	Brown fill 6;gravel boulders 24;grey clay stones 39;light brown rock 54;medium brown rock 118;dork brown rock 120; dork rock 130. Water from 118 to 130.
Con	VIII	*	10	W.F. Clair	•.	Nov. 8,1963	5	15	50	38	•	כ	Dug well 22; grey clay sand 20; arey clay 45; arey clay gravel 68; light brown rock 127; light arey rock 148. Water at 147.
	AIII			K. Jenkins J. Metenko	W. Packhem J.L. Grahem	Jul. 2,1963 Jul. 7,1962	6	25 15	<b>9</b> 5 30	40 25		D	Stones sandy clay 5; sandy clay gravel 80. Weter at 88. The sand gravel 38; soonse sand gravel 38; soonse sand gravel 98; medium brown rock 123; dark brown rock 130.
Con	AIII	*	19 21	C. FitzPetrick H. Sutton	W. Packham	Jul.22,1960 Mer.27,1962	6	20 30	10 22	0 20	:	D D	Water at 130. Sand gravel 35; pravel 40. Water at 40. Stone gravel loam 25; sand 45; sand gravel 55; gravel 60; limestone 62. Water at 60.
Con	AIII			P.S. Owens	:	Jun. 15, 1961	6	20	18	12			Dug well 15; stony clay 30; limestone 34. Water at 32.
	viii	•		V. Mallmon A. Spence	J.L. Graham	Jun.12,1961 Aug.21,1961	5	10	25 P0	1° 30		D,S	Clay stones 25; sand pravel 40; gr vel 43. Water at 43. Dus well 30; brown clay gravel 45; provel fine sand 87; light brown rock 105; dark brown rock 143; light grev rock 156; bluis grey rock 170. Water from 105 to 169.
Con	VIII		27	J. Amos		Jun.10,1960	4	15	51	46	•	C	Stones brown clay 20; brown hardman gravel 52; coarse sand
Con	AIII	*	30	B. Riddell	W. Packhem	Jul.19,1961	6	20	80	55		D	gravel 59; medium dark brown rock 95. Water from 84 to 95. Clay 15; gravel clay 30; sandy clay 100; gravel 105. Water at
	AIII		31 31	A. Slade G. Gregor		Sep. 1,1960 Sep. 8,1962	7	15 24	40 80	25 60	:	D <b>D</b>	105. Gravel clay 25; sendy clay 78; limestone 88. Water at 85. House basement 7; stony clay 30; sendy clay 80; clay 95; white limestone 105. Water at 100.
	VIII	*		R. Penrice		Nov.12,1963	6	30	50 60	22		S	Stones sandy clay 25; sandy clay 47; limestone 62. Water at 60
	AIII		35	C.W. Winer S. Winer	i	Mag. 21, 1960 Nov. 14, 1963	6	20	90	32 17			Stony clay 63; limestone 85. Water at 82. Stones clay 20; sandy clay 49; limestone 100. Water at 58.
Con	IX		1	Estate Homes Halton Ltd.	C. H111	Aug. 2,1962	4	10	30	5		D	Clay boulders 5;grovel 10;herd black rock 364. Water at 364
Con	IX		1	H.J. Lehman	J.L. Graham	Sep. 5,1962 Nov.27,1962	4	10 10	40 35	12 32	:	D,S	Stony clay 16; brown rock 49. Water at 49. Dug well 18; brown clay coarse sand 32; medium brown rock 41; dark brown rock 55. Water at 55.
	IX			F. Elliott P.U.C.	International Water Supply Ltd.	Aug.28,1963 Nov.16,1962	4 10	10 700	50 9	45 0	:	D,S	Deepened well 55;black rock 90. Water at 80. Tonsoil 2;dirty sand gravel 9;hrown limestone 29;grey limestone 68. Water at 10.
Con	IX		3		- cor - annort - cor.	Oct.23,1962	10	48	67	25	•	P	Topsoil 1; dirty sand gravel 5; brown sand 16; backed sand gravel clay 65; gray lime-tone 94. Water at 65.
Con	IX	•	3	*	•	Nov.15,1962	10	1200	13	4		P	Toponil 2; dirty send gravel 6; clay gravel 14; gravel clay 21; brown limestone 29; gray limestone 65. Water at 21.

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L.	ELLTS	GTON COUNT	ΓY _ ^	ont										
	Pusli	nch Twp	-cont	_	ĩ	ı	r		1 1	1	1 1		1	
	Con Con	IX	lot	5	H.Certer J.C. Ellis Arkell United	C. H111	Sep. 9,1963 Feb.20,1961	4	12 10	60 60	30 26	Fresh	D,S	Grevel stones 33; brown limestone 75. Water at 75. Clay 45; light brown limestone 100. Water at 100.
			_		Ohurch		Jun. 6,1961	4	8	60	16	7	P	Clay 40;grovel 51;grey limestone 110. Water at 110.
	Con	IX		6	A. Busshoff C.K. Golding	J.L. Graham	Feb.27,1962 Apr.24,1963	4	10	40 38	3? 25		D D	Clay gravel mixed 28; hard brown rock 77. Water at 77. Tonsoil 2; gravel stones 18; brown clay gravel 26; light brown
										-				rock 45;derk brown rock 73. Weter from 60 to 73.
	Con	IX		7	L. Coulson	C. Hill	Jan.31,1961	4	4	70	30	н	D	Clay 11; hard gravel 51; light brown limestone 120. Water at 120.
	Con	IX		7	M. Hem		Peb.10,1961	4	4	85	35 24		D	Clay 45;gravel 53;grey limestone 128. Water at 128.
	Con	IX		7	K. Ronald		Feb.15,1961 Feb.27,1961	4	15 5 5 1	85 70 80	33		D	Hard clay 40; grey limestone 95. Water at 95. Clay 51; greyish brown limestone 134. Water at 134.
	Con			7	R. Bernet W.A. Watson		Jul. 9,1962	4	5	85	35		D	Clay 53; brown limestone 132. Water at 132.
	Con	IX	**	7	L. Page	*	Mar. 4,1963	4	14	90	35 36	*	D	Clay 52; grey limestone 120; hard brown rock 130; hard black
	Con	IX	п	14	Dr.A.DeVos	J.L. Graham	Jan. 4,1963	5	10	40	37	- 18	D,S	rock 144. Water at 144. Dug well 35; brown sand gravel 45; fine brown sand 60; grey
	Con	TY	**	1.	W.E. Dahl		Oct.16,1962	ц	10				D	clay gravel streaks 87; light brown rock 110. Water at 110.
	on	10		15	#.b. Dani		086.16,1962	4	10	55	50		1	Topsoil 1; brown clay stones 45; brown clay 63; grey clay 85; grey clay coarse sand 104; pea stone gravel 110. Water at
	~	TV				w	N 00 40/0	_					s	110.
	Con	IX		17	J. Summers		Nov.23,1962	5	12	57	53		5	Topsoil 2; brown clay gravel 18; brown clay coarse sand 29; grey clay gravel 40; brown clay gravel 87; gravel coarse sand
														92; brown clay coarse sand 114; light brown rock 115. Water at
	Con	TX	99	17	J. Haugh	Ladco Drilling	Dec.14,1963	4	10	50	45		D.S	115.   Brown clay rocks 6; sand gravel rocks 23; grey clay rocks 80;
445	9011			17	* ********	-5100 FILLING	200.14,1909	-	10	50	7,		2,0	brown limestone 105; grey rock 170; white rock 178. Water from
	Con	TY	99	20	J. Jensen	B. Huffman & Sons	Oct.22,1963	_	25	_	_		D.S	172 to 176.
	Con		99	33	W. Laking	W. Packham	Apr.25,1963	5	25 25	5	5 34			Brown gravel sand 70. Water at 50. Sandy losm stones 7; silty sand clay 29; limestone 88. Water at
		TV				T. T. C		_						85.
	Sn	17		35	J.C. Binnie	J.L. Graham	Jun.28,1963	5	12	20	15		D,S	Well nit 7; brown clay gravel 28; coorse sand gravel 38; light grey rock 73. Water at 73.
	Con	IX	**	36	J. Gilmore		Dec.11,1961	5	10	38	14	*	D,S	Dug well 19; coarse sand gravel 25; grey clay stones 40; grey
	Con	Х		4	P.U.C.	International								hardown grovel 51;dork brown rock 105. Water from 70 to 105.
						Water Supply Ltd.	Dec.21,1962	1			37		N	Toosoil loam 1; coarse gravel sand boulders 37; sand gravel 54;
													l	brown limestone 66; hard black shale 72; brown limestone 83; hard black shale 92; brown limestone 103; hard black shale 105.
														Water at 38.
	Con	X		4			Apr.29,1963	12	35	10	2		N	Boulders clay 7; coarse gravel clay boulders 20; hard packed
														gravel clay 22; cemented gravel boulders 25; hard dark grey limestone 40. Water at 20.
	Con	X	**	4			May 25,1963	1	200	68	46	16	N	Topsoil 1; boulders dirty gravel 40; tight dirty gravel 48;
														broken dark grey limestone 53; 4ark grey limestone 93; light grey limestone 96. Water at 48.
	Con	X		5			Jan.18,1963						N	Black surface loam 1; sandy brown clay 7; dirty sand gravel
														boulders clay 15; clay send 17; broken round coarse gravel send clay 20; light brown limestone 47; hard limestone 52;
													ĺ	light brown limestone 64; hard brownish limestone 83; black
														limestone 85.
						1					1	1	1	

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATION	i		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	J.EVET.	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELLINGTON COUNTY Puslinch Twp Con X			City of Guelph	International Water Supply Ltd.	Mar. 4,1963	2			32	Fresh	т 3-63	Sandy brown clay gravel 3; dirty sand gravel boulders 46; clay gravel 48; soft broken limestone 49; brown limestone 83; blackish limestone 91; grey limestone 93; blackish limestone
Con X	W	5	*		Jun.17,1963	16	1000	59	39		T 7-63	95. Water at 34. Clay boulders 26;gravel sand 47; coarse gravel sand 55;gravel clay 61; herd blue clay 72; gravel clay 74; dark grey limestone
Con X		5	*	*	Jul.19,1963	2	150	17	11	н	т 9-63	95; light grey limestone 142. Water at 129. Sandy loom 1; boulder 3; dirty gravel boulders 6; clay gravel boulders 28; leose sand gravel boulders 35; pecked gravel sand boulders clay 40; gravel sand clay dark coloured boulders 56:
Con X		6	*	*	Feb. 5,1963	2	250	29	25	п	T 2-63	sendy clay gravel 64; dark shale 66. Water at 35. Brown sandy clay 5; dirty sand gravel clay 17; packed hard clay silt sand gravel 24; sand gravel clay 28; brown limestone 64; brown limestone blackish streaks 78; dark grav blackish limestone 67; black softer limestone 101; greyish limestone
Con X	**	10	W. Douglas	W. Packham	Nev.22,1961	6	12	80	75	•	D,S	122. Water at 28. Stones clay 20; gravel clay 55; stones gravel 70; fine gravel
Con X	*	10	R. Lefneski	R.H. Graham	Nar.18,1963	5	15	20	20		D	clay hardon 108; buff colour limestone 116. Water at 112. Heavy boulders clay 22; loose gravel stones 37; fine sand brow
Con X	n	34	D. Beachanan	J.R. Sprowl	Jul.16,1963	4	7	35	27	n	s	clay 64; stony hordoon 62; slate rock 83. Water at 83. Gravel stones 20; gravel sand 31; rrovel layers shale 39; dark brown limestone 25; light grey limestone 114. Water at 45 and 114.
Con X	H	36	W. Finlay	J.B. Rutten	Jul. 3,1963	6	Q	48	14		D	Brown clay gravel 21; grey clay 43; grey clay gravel 49; blue dolomite 56. Water at 54.
Con XI	m	4	P.U.C.	International Water Supply Ltd.	Jun.19,1963	12	700	52	47	*	T 8-63	Leam 1;grevel sand boulders 5;gravel clay boulders 27;sand gravel clay 32;sand 38;derk hord shale 53;grey limestone 129;soft limestone 127;sbr limestone 127;sbr
Con XI	•	4	*	et .	May 27,1963	12	800	45	40	w		grey limestone 138, Water at 27 and 113. Gravel clay boulders 20; cemented gravel 27; clay gravel 34; hard grey limestone 48; streaks soft hard limestone 84; light
Con XI	п	7	A. Sunnicks	C. H111	Jan. 9,1963	4	12	45	32	*	D	grey limestone 100; grey yellow limestone 145. Water at 145. Cemented gravel large boulders 40; coarse black gravel 51. Water at 51.
Con XI		33	G. May	W. Packham	Mar.11,1960	7	20	20	10		D	Sandy brown loam 10; brown silt sand 26; limestone 45. Water at 42.
Gore	**	4	D. Oudney	S, G111	Oct. 2,1963	6	9	60	38	**	S	Clay stones 35; silt 70; fine sand 85; coarse sand 87. Water at 87.
Gore		19	F. Somback	W. Packhom	Sep.20,1963	6	25	10	8	*	D,S	Or. Dug well 23; clay gravel 55; sand 65; sand gravel 68; gravel 70. Water at 70.
Gere	n	20	E. Børber	J.L. Grahem	Sep. 7,1960	4	10	28	26	п	D	Tonsoil 1; sand gravel 20; stones gravel 45; clay gravel 74; broken rock 85; light brown rock 100; dark brown rock 107. Water from 104 to 107.
Gore	'n	37	R. Brown	W. Packham	Sep.12,1962	6	24	65	60		D	Sandy clay large stones 25; clay gravel 58; fine rock 83. Water at 91.
Gore Gore Gore	77	38	M. McQuen J.H. Brown J. Baer	J.B. Rutten W. Packham	Oct.12,1962 Jun. 6,1962 Oct.17,1961	6 6	16 25 30	32 40 45	30 <sup>1</sup> 30 32		D,S	Sand grevel boulders 28;grey limestone 50. Water at 48. Stones clay 44;limestone 75. Water at 55 and 70. Stony clay 65;limestone 101. Water at 75 and 98.

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W	ELLI	NGTON COUNTY	ć	con	t.										
3	West	Garafraxa 1	wp.		1	I I			1 1			f _ 1			I am and a second
	Con		lot	6	A. Cemeron	C. H111	Aug.	19,1960	4	9 10 8 5 3	40	30 30 41	Fresh	D	Sticky cley 17; shele 26. Water at 54.
	Con	<b>‡</b>		6	J.H. List	J. Cudney	Aug.	22,1960	4	10	40 60	30		C	Clay 27; gravel 35; grey limestone 60. Water at 60. Stony clay 17; grey limestone 69. Water at 69.
	Con			7	D. Grant	J. Oldney	May	30,1960	4	0	60	10		D D	Stony clay 17; grey limestone by. Water at by.
	Con	Ī	99	2	Cities Service	C. H111		15,1960	41	3	60	30	w	C	Clay 71; gravel 75. Water at 75.
		_			011 Co.						-			100	120 (2) (2)
	Con		99	7	W.H. Speers	J. Cudney		21,1961	43	6	60	25 70		D	Sandy clay ?5; clay 45; grey limestone 130. Water at 130.
	Con	I		7	H. Cameron	C. H111	Jul.	27,1962	4	7	P.5	70		D	Clay stones 26; hard grey limestone 100; white limestone 132.
	Con	т		7	E. Cemeron	J. Cudney	A	27,1963	4	10	=0	20		D	Water at 132. Stony clay 18; grey limestone 75. Water at 75.
	Con		99	ź	H.A. Stephens	o. sudite,	Oct.	28,1963	4	10 6	50 75 29	39 63 15	wi.	D	Stony clay 40; grey limestone 100. Water at 100.
	Con			20	A.L.Flewelling	Hadoo WellDigging		10,1961	30	4	29	15		D,S	Topsoil 1:brown clay f:brown sandy clay 14:dark blue sandy
			1.2									~			Topsoil 1; brown clay f; brown sandy clay 14; dark blue sandy clay 17; blue sand 29. Water at 14.
	Con				A. Hoeret	R.H. Gadke		5,1963	4	8	40	40		D,S	Brown clay 45; sand gravel 112. Water at 112.
	Con			5	M. VanGrootheest J.D. Walkey	J.L. Graham	Aug.	28,1960	5	10 15	10	2		D	Stony clay 10; limestone 50. Water at 50. Topsoil 1; stones gravel 15; gravel sand 19; light brown rock
	von	11		В	a.D. walkea	J.L. Granam	пау	27,1961	,	15	30	15		3	96. Water at 95.
	Con	II	**	6	*		Nov.	11,1961	4	10	40	25	*	S	Drilled well 96; brown rock 136. Water at 135.
	Con			16	W.B. & J.C.	Durham Drilling		1,1963	5	25		Plows		D,S	Toosoil 2; clay boulders 30; gravel boulders 55; gravel 70.
	-		227		Rettie		_				415				Water at 62 and 70.
	Con	III	10	6	W. DeBoer	J.L. Graham	Jun.	14,1963	4	10	60	24		D	Brown clay 4; clay boulders 70; blue rock 132; light brown rock
	Con	III	10	2/1	R. McDougall	G.L. Davidson	Ann	15,1961	Ž4	12	35	23	100	D.S	138. Water from 134 to 137. Clay 6; sand 8; clay 30; sand 60; hardpan 87; sand 115; hardpan 135.
	9011			54		C.D. DAVIGSON	mpr.	13,1901	-	12	))	2.7		2,0	shale 152; grey rock 178. Water at 155.
£ 2	Con	III	100	30	R. Wilson	Ladco Drilling	Nov.	23,1962	4	8	56	54	19	D.S	Silty clay 22: clay rocks 115: rocks 153: gravel 162: clay rocks
2	161	120402				_		100					100		193: limestone clav loyers 215. Water at 214.
	Con	III	**	31	D. Martin	Durham Drillers	Sep.	17,1963	4	20	45	36		D,S	Open hole 18; houlders 30; sandy clay 60; hard stony clay 100;
				- 1											hardran 135; boulders 150; coarse sand clay 160; fine sand 165; fine gravel 172. Water from 160 to 172.
	Con	IV	**	16	E. Logel	J.L. Graham	Oct.	5,1960	4	15	50	24	*	D	Sandy till 10; fine sand boulders 28; clay stones 75; s ndy grey
								21.200			20				clay 105;10rge boulders hardnan 115; sand brown broken stones
	-														136:rock 147:gravel seem 148. Water from 147 to 149.
	Con	IA		23	G. Thompson	G.L. Davidson	Jan.	5,1963	4	15	30	4		D,S	Clay 50; ouicksand 60; hardoen 141; grey rock 240; white rock
	Con	TV	99	211	C. Louttit	J.L. Graham	Ana	27,1963	5	12	40	28	**	D-S	241. Water at 220 and 241. Old dug well 11; soft blue clay 104; fine brown sand 142;
	9011			2.4	o. Doutett	o.b. dianam	aug.	27,1907	)	12	****	Sc.	-	,,,	stony herdnen 154; yellow rock 230; light brown rock 254. Water
															from 230 to 254.
	Con	V	99	9	D.F. Putmen	C. H111	Apr.	26,1963	4	5 10	30 40			D	Dug well 8:gravel 20; clay 70; grey limestone 142. Water at 142.
	Con	V		15	J.D. Walkey	J.L. Graham	Oct.	8,1963	.5	10	40	18	*	S	Fine brown sand 16; clay gravel 104; gravel sand 120; blue rock
															192; brown blue rock 204; light grey brown rock 234. Water from 220 to 230.
	Con	v	99	22	T.E. Murdock		Ang	13,1963	4	8		Flows		D	Old dug well 16; clay gravel 130; stony hardban 142; brown
	-011						48.	17,1707	7			1043		_	limestone 188; light brown limestone 194; dark limestone 204.
			96												Water from 202 to 204.
	Con	V	99	24	S. Sarkisan	G.L. Davidson	Feb.	9,1962	4	15	72	58	*	D,S	Send 22; quicksand 42; clay gravel 55; clay sand stones pp; clay
															send heriben 166; brown soft rock 175; white hard rock 200.
	Con	VI	99	12	G.M. Douglas	J.L. Graham	Oct	22,1962	5	10	60	38		D.S	Water at 200. Old dug well 34; fine brown sand 46; grey clay 110; boulders
	<b>4</b> 011			12	atus acastas	- Lanau		22,1702	2	10	00	,,,		2,0	cley 120; stony herdpen 127; brown rock 154; light brown rock
															173: light grey rock 215:dark brown rock 222. Water at 222.
	Con	AI	10	15	F. McDonald	Ladco Drilling	Sep.	27,1963	4	10	65	60		D,S	
															limestone 200. Water from 195 to 200.
												1			

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	NGTON COUNTY												
	arafraxa Twp	. co	nt.	A.D. MacLennan	Hadco WellDigging	Jan.13.1962	30	15	24	15	Fresh	D.S	Topsoil 1:brown sandy clay 7:brown coarse sand 18:blue grey
1,200	VII		-	S.W. Wallis	J. Cudney	Jul.12,1962	4	12	40	19		D	clay 24. Water at 14.
					o. Sunney							-	Sandy clay 12; clay large stones 72; grey limestone 121. Water at 121.
	VII			R.E. Sidenius G. Louttet	J.L. Graham	Jul.19,1962 Dec.21,1961	5	15 10	20 60	46		D D	Clay 50; grey limestone 95. Water at 95. Clay small stones 20; soft grey clay 151; broken brown rock 175;
Con	AII	×	19	L. Burns		Apr.18,1963	5	7	5 <del>1</del>	46		D,S	brown limestone 256; light grey limestone 262. Water at 252. Clay gravel 154; stony hardnan 170; brown limestone 301; light
Con	VIII		10	L.B. Popham	•	Oct.27,1961	5	8	75	55		D	brown limestone 309. Water at 302. Dug well 22; grey clay stones 60; grey clay fine send 67; light
Con	VIII	•	11	J. Cook	J. Gudney	Aug.13,1960	4	60		40		D	brown rock 133. Water from 11° to 132. Stony clay 85; grey limestone 150. Water at 150.
West Con	Luther Twp.	lot	4	G. Howes	Durham Drilling	May 21,1963	4	10	90	43	Frësh	D,S	Tonsoil 2; stones gravel 25; clay gravel 80; gravel boulders 130; clay sand gravel 155; gravel stones 175; sand clay 215; gravel sand 225; guicksand 243; brown rock 284. Water from 275 to 282.
Con	I	*	6	J.A. Moore	C. Keeso	Feb. 9,1962	41	12	76	28		D,S	Dug well 45; sandy clay 60; brown clay sand gravel 180; brown
Con	III	n	16	H. Langdon	R.H. Gakde	Oct.25,1963	4	10	10	10		D,S	shale 210; brown limestone 325. Water from 300 to 325. Gravel clay 70; gravel boulders 93; brown limestone 105. Water
Con	IV	w	1	G. Prentice	G.L. Davidson	Dec2,1961	4	10	26	13		D,S	et 105. Cley 57:sandy gravel 77:hardnan 102:sand 122:brown shale
Con	v	**	1	S.S.# 4.West	Durham Drillers	Sep.28.1962	4	20	60	30		P	128. Water at 128. Topsoil 2;herdpan boulders 55;cemented gravel 150;brown
Con	v		2	Luther V. Gallagher	G.L. Davidson	May 16,1962	4	16	32	22		D.S	limestone 169. Water from 160 to 166. Topsoil 1; clay hardpan stones 49; sand 64; ouicksand 80; sand
Con			- 1	S.S.# 5 West	Durhem Drillers	Sep.17,1962	4	10	60	40		P	hordman 139; grey rock 152; white rock 172. Water at 172.
			-	Luther					10.0				Topsoil 2; hardnen boulders 40; gravel 65; hardnen stones 103; brown limestone 132. Water from 120 to 130.
Con			1	G. Wilmott	R.H. Gadke	Nov.20,1963	5	10	40	40		D,S	Hardban gravel 30;gravel clay streaks 136;brown limestone 148. Water at 148.
Con	AII		4	E. Gamble	Durham Drillers	Jan.19,1960	4	10	35	7	*	D	Brown clay 15; clay boulders 42; gravel 60; hardman 71; hard white rock 180. Water from 160 to 180.
Con	IX	*	21	Grand River Conservation		Nov.28,1961	4	18	20	18		D	Clay boulders 80; quicksand 96; hard blue rock 105. Water at
Con	X	*	4	J. Ryckman	R.H. Gadke	Dec. 6,1961	5	10	35	30		D,S	103. Open well 24;gravel 40;loose brown limestone 60;hard light
Con	X	w	5	L. McLean	*	Nov. 9,1961	4	10	35	25	•	D,S	brown limestone 128. Water at 126. Dug well 20; brown loose rock 45; brown limestone 100. Water
	XII			I. Alexander J.W. Verwey	:	Jun.19,1962 Oct.25,1963	4	10 10	8 25	Flows		D,S	at 100. Clay 30:gravel 65;brown limestone 134. Wa'er at 134. Gravel 35;sand clay 108;bord brown limestone 130. Water at
Con	XIII		3	V. Graham	**	Nov.16,1962	4	8	18	18			130. Sand 25; sand grevel 52; brown limestone 81. Water at 81.
	XIII		8	G. Wilson	*	Oct. 2,1961	4	8	4	4			Stone tonsoil 15; hardnen gravel 40; gravel 58; hardnen 76; sand
Con	XIII		13	R. Sivell	•	Apr.15,1961	4	8	11	11	,	D,S	RO; brown limestone %6; brown grev limestone 128. Water at 129. Tonsoil 12; gravel boulders 30; hardban boulders 60; loose brown
Con	XIV	H	1	R. Smell	Durham Drillers	Aug. 2,1963	4	15	25	17		D	limestone 92;grey limestone 135. Water at 130. Tonsoil 2;gravel stones 20;clay gravel 35;gravel stones 50;
Con	XIA		9	H. Wilson		Jul.20,1963	4	10	35	29	n.	D,S	clay gravel boulders 71; brown rock 108. Water from 95 to 100. Topsoil 3; clay boulders 55; clay sand gravel 65; shale 90; grey rock 101. Water from 90 to 95.

W	ENTWOR	YTHUOD HTH													
	Ancest	er Twp.		.	P.U.C.	International	Jul.	8,1963	2	14	20	19		T	Fill gravel clay 4; sand fine sand 23; sand fine sand gravel 33.
	Con I	Si .	lot	2	W.L. Campbell	Warer Supply Ltd. Cross Bros.	Mar.1	6,1962	6	3	140	50	Fresh	20-63 D	limestone. Tonsoil 1;brown clay 16;quicksand 84;fine brown sand 140; brown rock 147. Water at 144.
	Con I Con I				P. Wieble Lynden Comm. Memorial Park	s. Gill	Dec.1	5,1963 6,1961	6	5	150 64	50 59	* Sulphur	D P	Blue clay 20; silt 168; grey rock 188. Water from 175 to 186. Brown clay 10; grey clay sand 40; fine sand 100; sandy clay 166; grey rock 174. Water at 170.
	Con I Con I Con I		:	12	W. Sangster Dr.W. Campbell J.H. Craig	F. Ince H. Johnson F. Ince	Jul. 2	3,1962 22,1963 17;1963	6 36 6	30 2 2	247 49 180	35 47 40	Fresh	D D D,S	Brown clay 6; blue clay 160; limestone 247. Water at 240. Sand 6; grey clay 54; silt clay 75. Water at 47. Brown clay 8; blue clay 170; fine grovel 180. Water at 180.
	Con I		•	18	R. Schleissner	W. Päckhem		5,1962	6	25	60	55	•	D,S	Clay loam 15; soft clay 170; sand clay 179; limestone 200. Water at 198.
	Con I Con I			19 26	L. Betzner N. Kowalchuk	H. Johnson Hadco WellDigging		6,1963 6,1961	36 27 <del>}</del>	4 5	13 20	11 14		3	Brown clay 5; brown sand 14; grey sand 25; silt 29. Water at 11. Tossoil 1; brown sand 10; blue clay 14; blue sand 22. Water from 14 to 22.
	Con I	ľ.		28	A. Heinz		Jun.2	4,1963	271	2	34	19	•	D,S	Tonsoil 1; brown sandy clay 12; grey sand 16; grey clay 28; blue sand 33. Water at 13 and 29.
	Con I	I.	•	29	Richeen Realty Ltd.	<b>.</b>	Jul.	7,1961	36	8	16	10	•	D	Fill 4;tossoil 5;brown sandy clay 7;blue clay 8;red fine sand 17;green sand 9. Water at 10.
	Con I		•	30			Jul.	7,1961	36	4	28	20	•	D	Tonsoil 1; brown clay 11; brown clay rocks 14; blue clay 18; yellow sand 19; coarse blue sand 39; Water from 19 to 28 and from 28 to 39.
ь	Con I			-	W. Solski	**	Jul.1	13,1963	30	2	55	47	-	כ	Topsoil 1; brown clay sand 18; blue hardban 47; blue sand 55. Water at 47.
644	Con I Con I	I.		31 31	R. Fair E. Pipe	F. Ince H. Johnson		1,1963 2,1963	6 30	10 5	70 73	52 71		D 0	Dug well 46; sandy clay 75; coarse sand 80. Water at 90. Brown sand 4; red sugarery sand 13; sand hardban shale 17; fine light grey sand 18; sand shale hardban 50; sand 58; hordban shale 64; red sand 68; fine sand 86. Water at 71.
	Con I	Í	•	32	P.U.C.Ancester	International Water Supply Ltd.	Jun.	25,1963	2			36		T 10-63	shall 04; red sand oc; the sand oc. where At 21.  Red clay 14; sitty blue clay 54; blue red clay sandy streaks 62; silty blue clay sand 81; sand fine gravel sandy clay 88; sand clay 100; sand fine gravel sandy clay 108; sand dirty clay 147; red blue sandy clay 306; blue clay streaked silt 571; bedrock. Water at 108.
	Con I	Ţ.		34	L. Collins	H. Johnson	Nov.2	28,1963	30	2	44	40	Fresh	y D	Brown sandy clay 9; shale 10; brown sandy clay 15; shale 16; brown sandy clay 18; grey clay 19; brown sand 24; grey clay 20; red sand 43; grey sandy clay 50. Water at 40.
	Con I			37	C. Hemrica	W.E. Scriven	Jul.1	18,1962	6					D	Topsoil 4; brown cley 20; dark sandy soil 52; limestone 101; red shale 124. Dry hole.
	Con I			38	J.W. Sturrock	HadcoWell Digging	Nov.1	4,1961	271	8	29	11	Fresh	D	Tobsoil 1; brown clay 5; shale 6; blue coarge sand 31. Water at 15.
	Con I	:		38	H. Vanklinken	S. G111	Jul.3	25,1962	5	4	14	9		D	Dug well 8; sandy clay 28; fine sand 34; coorse sand 36; grey rock. Water at 36.
	Con I			- 1	G. Donald	W. Packham	May 1	19,1961	7	2	80	5	•	T	Loamy clay 35; clay gravel hardoan 43; limestone 80. Water at 43.
	Con I		•	40	J. Lemon J. Scammell	HadcoWell Digging	Nov.1	17,1961 27,1963	30 30	3 2	17 19	9	:	D D	Topsoil 1; brown sandy clay 9; blue send 18. Water at 15. Topsoil 1; brown sandy clay 11; blue clay 15; blue sand 17; blue clay 20. Water at 8.
	Con I		•	41	P.U.C.Ancester	International Water Supply Ltd.	Jun.2	27,1963	2					11-63	Brown clay 9; blue clay 37; san'y blue clay 69; silty sand 72; sandy blue clay silty streaks 167; silt fine gravel sand clay streaks 189; red blue clay 213; sand blue red clay 243; fine sand clay 268; fine sand, sand state 295; hard red blue clay bedrock 297.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	i	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	RTH COUNTY ter Twp I	cont.	P.U.C.Ancester	International Water Supply Ltd.	Jul.3 ,1963	2	60	Flows	Flows	Fresh	T 12-63	Fill 4; blue clay 31; sandy blue clay 65; sand fine sand clay 64; sandy blue clay 98; fine sand cilt 160; blue sandy clay 327; gravel sand boulders clay 337; red clay gravel streaks 344;
Con	I	<b>4</b> 1		*	Jul.11,1963	2			•	*	т 14-63	blay gravel send streeks 346;limestone, Water at 327. Brown sendy clay 6;blue clay 11;fine brown sand 13;blue clay 20;blue clay sandy gravel 47;blue clay streaks.fine sand 67;
Con	I	* 41	•		Jul.16,1963						T 15-63	fine send sand silt 91; blue sendy clay 95. Water at 67. Brown clay sand 5; blue sendy clay 72; blue clay gravel 76; fine send silt clay 101; sandy blue clay 117; fine send fine grewel silt clay 146; brown blue hard clay 290; blue clay hard gravel 313; sandy grave clay gravel streaks hard macked broken limestone 316; blue clay sandy hard packed 331; red
Con	I	• 41	•	•	Jul.19,1963	2			Flows	Fresh	T 16-63	clay shale 345. Fill 6; blue sandy clay 38; fine sand silt fine gravel 41; sandy blue clay 50; sand fine gravel silt 64; sand fine sand silt
Con	I	* 41	•		Jul.30,1963	2			и		т 17-63	clay streaked 70; blue hard clay 74. Water at 50. Fill 6; blue sandy clay 37; fine sand silt fine gravel 40; sandy blue clay 51; sand fine sand silt fine gravel 70; blue soft clay 82; fine sand silt clay streaks 85; blue clay 94; fine sand silt clay streaks 97; blue hard clay 126; soft blue clay silt
												clay streaks 164; hlue clay gravel 165; blue hard clay 271 sandy red blue clay 284; gravel boulders sand sendy clay hard packed 290; gravel boulders sand 30°; sandy blue clay 309; red blue clay shale 311.
Con			T.H.L. Gallagher	£.E. Longstreet	Dec.16,1960	6						Dug well 21; hard sandy brown clay 28; soft reddish clay 33. brown clay 45; soft cream coloured clay stones 48. Dry hole.
Con :		* 46	B. Faloney Anglican	Cross Bros.	Aug.16,1962 Nov.11,1960	6	1 2		100	Salty	N	Topsoil 1;brown clay 1°;brown sand 40;autoksend 1°0;red shale 170. Water at 140.  Brown clay 11;blue clay 422;autoksend 43;grey clay 7°;light
Con		• 46	Church Camp		Nov.25,1960	6						brown hardban 83; grey clay stones 110. Dry hole. Topsoil 1; reddish brown clay 60; cream coloured clay 7°;
Con	I	" 49	G. Edelkoort	G.J. Wallis	Jul.25,1960	6	3	125	70	Fresh	۵	reddish brown sandy clay 90;red brown clay 135. Dry hole. Yellowish brown clay 16;grey clay 124;dirty fine sand clay 130;red sand 143;grey clay 177;sand fine arovel clay seams
Con Con Con Con	II II II	" 12 " 14 " 16	W.H. Hockin M. Mannen W. Philips J. Teis R.Schleissner	S.W. Merritt P. Ince W. Packham	May 27,1961 Mar.17,1962 Aug.14,1962 Oct. 9,1962 Jul.27,1963	6 6 6	7 15 1 8 25	105 142 197 177 65	30	Sulphur Presh	D, S D, S D, S D	183; zrey clay 184. Water at 124 and 128. Clay silt 1483; red shale 150. Water at 150. Dus well 47; blue clay 148; limestone 162. Water at 157. Brown clay 6; blue clay 152; limestone 197. Water at 195. Duz well 40; blue clay 16; limestone 127. Water at 122. Duz well 26; oft grey clay 150; muddy brown sand 162. Water at
Con	II	" 17	-	J.L. Grahem	Jan. 8,1960	5	15	90	80	Sulphur	D,S	166. Tonsoil 1; brown clay 15; grey clay 132; reddish brown clay 160; ccarse send brown clay 176; dark brown rock 189. Water at 187.
Con	11	" 18	*	W. Fackham	Jul.25,1963	6	25	40	20	Fresh	S	Sandy clay loam 5; soft grey clay 120; muddy brown sand 145; grey limestone 168. Water at 163.
Con	II	* 19	A.M. Canuto	*	Feb. 9,1961	6	20	70	35	*	D	Brown clay 25; sandy silty grey clay 118; limestone 150. Water at 145.
Con Con	II	" 19	R.Schleiasner A. Groen J. Groen	F. Ince	Jul.24,1961 Jul.27,1962 Aug.21,1963	6 63	20 12 24	100 170 70		Sulphur	D,S D,S	Sandy clay 169; limestone 172. Water at 170. Dus well 25; blue clay 166; limestone 170. Mater at 168. Brown clay 20; blue clay 150; sandy clay 170; rock 177. Water at 176.

			CUNTY													
	Ances Con	II I	Twp	lot	t. 19	R. Dredge	H. Johnson	Nov.	5,1963	36	2	46	40	Fresh	D	Brown sandy clay 15; blue clay 2?; silt 30; heavy clay 36; silt 42; clay 43; silt 61. Water at 40.
	Con Con Con	II		**	20	G. Dyment E. Dyment R. Emick	F. Ince H. Johnson	Sep.	28,1963 7,1963 8,1963	30	80 3 5	193 30 20	40 20 19	:	D,S D,S D,S	Dug well 40; blue clay 170; limestone 193. Water at 185.  Brown sand 8; grey sand 20; ouicksand 26; clay 32. Water at 20.  Brown sand 12; grey sand silt 19; red grey medium coarse sand 37. Water at 19.
	Con Con Con	II			32	G. Dearsley O. Aikens P.U. C. Ancoster	F. Ince H. Johnson International Water Supply Ltd.	Jul.	5, 1963 4,1963 5,1963	30	8 5	345 44	60 42	Salty Fresh	N D T 8-63	Brown clay 80; blue clay 304; ltmestone 345. Water at 343. Sand 42; red medium coorse sand 52. Water at 42. Sandy red clay 5; sand pravel boulders 34; coarse gravel boulders sand 46; cerented sand gravel 56; packed sand gravel clay 60; boulders coarse gravel sand 71; sandy red clay packed gravel streaks 102; sand grav 1 sandy red clay backed 126; sandy red clay comented streaks 135; sandy red clay fine gravel streaks 141; sandy red clay gravel streaks packed 147;
	Con	II			33		•	Jun.	11,1963	2			72		T 9-63	commented sand gravel grew clay gravel streaks 15%; sandy red blue clay 191; soft blue clay 210; blue clay hard silty streaks 294; broken limestone 295; bedrock.  Sandy red clay 13; fine sand 18; procked sandy clay 49; sand gravel clay packed 56; boulders coarse gravel sand 70; cemented sand gravel 82; sandy red clay hard gravel 111; blue hard clay 126; blue clay sandy red clay 157; blue silty soft clay 292; bedrock.
+	Con	II		**	38		"	Jul.	4,1963						T 13-63	Red clay 6; blue red clay 6; blue clay gravel 53; limestone 56.
451	Con	II		н	40	**	н	Jan.	18,1960	10					T	Clay 19; clay gravel 75; clay gravel boulders 79; cemented gravel 83; clay gravel boulders 122; gravel clay 128; clay gravel 155; limestone 202.
	Con	II		**	40	•	м	Jan.	27,1960	6	35	16	Flows	Fresh	T 1-60	Topsoil 1;sandy clay 8; clay gravel boulders 18; clay gravel 21; boulders gravel 29; limestone.
	Con	II			40	**		Feb.	3,1960	10				Sulphur	2-60	Topsoil 1; sandy clay 45; clay gravel boulders 47; limestone 55.
	Con	II		н	40	*	*	Jul.	25,1960	5					T	Brown clay 15; blue clay gravel streaks 22; blue clay 43; silty clay fine sand 71; d rty sand gravel 74; cemented sand gravel 77; sandy red blue hard clay 86; blue clay 115; grey limestone 139. Water from 74 to 77.
	Con	II		**	40	G. Donald	Had cowell Digging	Nov.	10,1961	30	20	33	10	Fresh	D	Topsoil 1: brown clay 10: blue sand 24: red gravel 27: blue sand
	Con	II		96	41	P.U. C. Ancaster	International Water Supply Ltd.	Aug.	8,1960	4	25	71	70		3-60	35. Water at 24. Brown clay sand gravel streaks ?2; sand fine gravel clay ?9; gravel boulders sand clay streaks red blue clay 97; blue red clay 12?; limestone. Water at ?9 and 97.
	Con	II		m			m m	Aug.	28,1960	5					1 2-60	Brown clay 10; gravel boulders sand 25; cemented sand gravel 28; gravel sand 31; blue sandy clay 46; silty clay 51; blue sandy clay 72; blue soft clay 159; blue clay small gravel streaks 166; blue clay gravel 168; gray limestone 193.
	Con	II		10	42		"	Feb.	8,1963						T 19-63	Sandy brown clay 5; fine sand silt 40; boulders gravel sand red clay streaks 53; sandy blue red clay 81; sandy hard blue clay 115; limestone 117.
	Con	II		**	45	**	*	Jul.	31,1963						T 18-63	Sendy brown clay 4; fine sand clay 14; sand gravel 39; gravel sand grey clay 47; brown clay blue soft clay 62; broken
	Con	II			46	S. Westaway	S. Gill	Oct.	1,1960	6	1/2	37	18	Fresh	D	limestone 64; limestone 67. Grey clay 11; grey rock 39. Water at 37.
	Con	II			46	R.M. Saunder	*	Mar.	5,1963	6	2	82	44	Sulphur	D	Brown clay 12; clay boulders 30; brown rock 50; grey rock 88. Water at 60 and 80.

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ENTWORTH COUNT Ancaster Twp.	- cor	t.		E Company	S-= 0.1061	6	-	30		Fresh	D	Topsoil 5;brown sand 18;blue clay 20;limestone 34. Water at
Con II			W. Munn	E. Constable	Sep. 2,1961		5	20	5	rresn	D	28.
Con II Con II Con II Con II	**	52	H.W. Sydholm	F. Ince W.E. Scriven F. Ince Cross Bros.	Oct.30,1961 Oct. 2,1962 Aug.15,1960 Feb.21,1961	6666	12 3 1 5	60 32 80 32	20 20 35 20		D D P	Brown clay 3;stony blue clay 38;limestone 60. Water at 60. Brown clay 15;blue clay 36;limestone 46. Water at 45. Brown clay 5;blue clay 45;limestone 90. Water at 80. Topsoil 2;brown clay 33;grey limestone 43. Water at 43.
Con II Con II		53 54	H. Kunz F. Berzins	F. Ince	Jun. 6,1963 Mar. 5,1963	6 6 8 6 6	8 2	35 50 75 100	25 20		D D	Brown clay 8; blue clay 29; limestone 39. Water at 36. Brown clay 6; blue clay 28; limestone 50. Water at 45.
Con II Con III		55	H.L.Davis	W. Packham F. Ince	Mar.17,1961 Apr.18,1962	8	20	75	35		D,S	Brown clay 37; limestone 75. Water at 55. Brown loam 6; blue clay 142; limestone 156. Water at 152.
Con III Con III	**	18	S. Schowman J.R. Woods	J.B. Ruttan	Jun.20,1960 Apr. 1,1963	6	3	152	25 28 36	**	D D	Loam 3; hlue clay 136; limestone 152. Water at 152. Buff clay 15; blue clay 40; soft grey clay 134; grey limeston 157. Water at 142.
Con III	**		S. Schoeman C. Armstrong	F. Ince W.E. Scriven	Jul. 4,1963 Feb.25,1961	6	1 h 3	160 65	35 50	и и	D	Brown clay 8; blue clay 135; grey limestone 160. Water at 15 Topsoil 4; brown clay 50; blue clay 136; limestone 150. Water at 150.
Con III	н.	19	R. Charter	*	Jan.31,1961	6	3	65	35	10	D	Topsoil 2; brown clay 90; blue clay 131; limestone 142. Water at 142.
Con III Con III	**		B.Hewitson G. Markle	H. Johnson	Aug.23,1963 May 23,1963	30 36	3	30 25	10 20		D P	Brown sandy clay 10; blue clay silt 43. Water at 10. Brown clay 10; blue clay 28; silt sand clay layers 38. Water from 28 to 38.
Con III	11	20	R.&E.Henderson	*	Nov.15,1963	36	2	39	36		D	Brown sindy clay 9; blue clay 20; grey sand clay layers 36; silt 50. Water at 36.
Con III Con III	"		J.H. Plas H.J.Jannason	E.W. Merritt W.E. Scriver	Apr.29,1963 Mar.25,1960	6	16 10	60 60	35 15	Sulphur Fresh	S D	Quicksand clay 157; limestone 198. Water at 198. Topsoil 2; brown clay 25; sandy soil 60; grey clay 122; limest 128. Water at 128.
Con III	**	31	P.U. C. Ancaster	International Water Supply Ltd.	May 23,1963						T	Red sandy clay 5; blue clay 15; fine sand silt 36; silt blue
Con III	n	32		mater eappry 201.	May 22,1963						T	clay 146; red rock. Sandy red clay 5; fine sand silt 31; soft blue clay silty
on III	м	33	K. MacLaren	Cross Bros.	Jul.22,1961	6	10	100	50	Fresh	D D	streaks 127; redrock. Topsoil 2; sandy loom 20; fine sand 56; auicksond 170; fine sand 56;
Con III		33	P.U.C.Ancaster	International Water Supply Ltd.	May 17,1963						T	200; coarse gravel 202. Water at 202. Red blue clay 11; fine sand silt 52; soft silty blue clay 13 bedrock.
Con III	n	34	**	n aber about the	May 16,1963						T	Red szndy clay 7; blue clay 12; silt clay streaks 71; soft bl
Con III	*	34	*		May 27,1963						T	clay 142; blue clay gravel 144; bedrock. Sandy red clay 5; sand gravel 7; blue clay 15; sandy clay, clastreaks 49; soft blue clay silty streaks 131; broken limesto
Con III	n	35	н	я	May 24,1963		1				T 6-63	13?; bedrock. Sandy red clay 26; blue clay sandy silt streaks 159.
Con III Con III	"	37 37	F. McDonnell BethesdaSchool	W. Packham HadcoWell Digging	Jun.12,1962 Oct.10,1962	6 30	4 2	135 52	25 42	Fresh	D P	Soft clay 90; limestone 139. Water et 125 and 130. Topsoil fill 1; brown clay 3; brown sand 13; brown sandy clay 27; red sand 34; blue sand 37; blue clay 42; blue corrse sand
Con III	#	37	Twp Ancaster	Cross Bros.	Sep. 6,1963	6	1	160	53		P	52. Water at 42. Sandy soil 21; quicksand 35; sandy soil 80; blue clay 98;
On III		38	W.V. Young	H. Johnson	Dec. 3,1963	30	4	8	9	•	מ	ouicksand 125; limestone 167. Water at 165. Brown sand 6; grey sand 7; brown sand 9; red medium coarse sa 15; grey sandy clay 18. Water at 9.

Con III	
Con III	
Con III	oom clay 100; clay gravel 104; limestone
Con III	5; sand 60; silty sandy clay 95; clay 104; at 120 and 132.
Con III	fine send 60; clay 97; limestone 161. Water
Con   III	y clay 53;medium coarse sand 60. Water at
Con III	15; grey blue clay gravel 22; fine sand; fine sand clay streaks 95; blue clay 105;
Con III " 48 " " Aug.18,1960 2	brown clay 15; blue clay 28; fine sand clay clay 43; fine sand clay streaks 94; blue ay streaks 103; limestone. Water from 94
Con III "49 " Aug.22,1960 T 7-60 blue clay 10; blue clay 36; fine say hard clay 95; fine sa	and clay streaks ?8;blue clay 39;fine y 55;fine sand clay 10?;liwestone. Water
Con III	ue clay 18; brown blue clay streaked 21; nd clay 61; fine sand clay streaks 86; blue
	and 65. Water from 55 to 65.  Ley 80; blue cley 99; grey limestone 10°.
5 Con III " 49 R. Northey "   May 28,1962 6   13   13d 30   "   D   Brown clay 4; sandy c	ley 110; limestone 130. Water et 115. ley 90; blue clay 108; limestone 124.
	10; sendy soil 19; coarse gravel 21. Water
Con IV 19 H. Morwick F. Ince Jun. 1,1962 6 15 80 35 D.S Brown clay 4; blue cla	ay 119; limestone 124. Weter at 124. sand 26; silty fine grey sand 40. Water
Con IV 20 J. Knyche Allerd Bros. Jul.21,1961 2 10 4 4 " D Brown clay rocks 90;	grey shale 101. Water at 98. Grey clay 1064;grey limestone 158. Water
	y losm 15; blue clay 25; blue muck 100;
	grey clay 70; hervy grey clay 92; grey
Con IV 24 G. Muys H. Johnson Apr. 15, 1963 36 30 15 8 " D Hard brown clay 11; b;	lue clay 26. Water at 11. y loam 28;blue muck 75;limestone 100.
Con IV " 30 G. Hemmink Cross Bros. Aug.29,1961 6 2 90 30 " D Tobsoil 2; brown clay	20; quicksand 36; fine sand 62; blue clay
Con IV " 41 H. Meriarty HadcoWell Digging Jul.27,1961 27 4 74 45 " D Topsoil 1; brown clay	17; blue clay 25; blue sand 3°; blue clay
Con IV " 41 D. Moore   W. Packham   Dec.12.1961   6   3   120 32   "   D   Dug well 27:grey clay	clay 75. Weter at 30 and 75. y 80; linestone 120. Water at 95 and 115. 20; sand 13; outcksand 93; blue clay 125;
Con IV " 42 "   W. Packhom   Aug. 21.1962   5   12   150   65   "   D   01d drilled well 127	; limestone 179. Water at 170.
Con IV "47 A. Alderson " Jen. 7.1962 5 7 30 25 " D Dug well 17:sendy cle	v 103; limestone 115. Water at 112. ey 46; fine send 50. Water at 47.
Con IV " 47 J. McDougell HedcoWell Digging May 23,1962 30 2 30 23 " D Tooscil 1;brown clay clay 30. Water et 23.	15: blue grev clay 23: brown sand 26: blue

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	i	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	TH COUNTY	ont.	Hart Bros.	H. Johnson	Nov.20.1963	20	,	_	8	Fresh	Д	
Con IV			D. Burgoin	n. Johnson	Nov.16,1963	30	7	9	9	rresn	ם	Brown sand cley Agerey sand S; red sand fine eravel 10; hard clay stone 13. Water at 8. Brown sand clay Agerey sand 9; red coarse sand 12; hard clay
Con V Con V Con V		" 30	J. Bylsma Dr.G. King W.G.Braithwalk	S. Gill W. Packhem HadcoWell Digging	Jan.10,1962 Sep. 1,1962 Jul. 6,1961	6 6 30	21/2 1 5	34 120 63	30 33	Sulphur Fresh	ם ם	stone 15. Water at 9. Dug well 39; mrey cley 74; grey rock 162. Water at 100 and 145. Brown clay 20; grey blue clay 89; l'mestone 120. Water at 89. Topsoil 1; brown clay 8; sand 12; blue clay 42; red sand 46; blue
Con V		* 40	R. Boschman	Cross Bros.	Aug. 4,1961	6	3	80	30	*	D,S	green clay 52; blue sandy clay 63. Water of 42 and 52. Brown clay 20; blue clay 60; autoksand 79; limestone 95. Water at 90.
Con V Con V			L. Boers Wentworth Work Shop Storage Machinery	W. Packham R. Embleton & Son	Dec.18,1961 Jen.13,1960	6	2 <del>1</del> 4	117 132	35 18	Sulphur	S In	Grey clay 75; limestone 117. Water at 90 and 115. Previously drilled 100; grey white limestone bedrock 120; damk grey limestone bedrock 142. Water at 127 and 140.
Con V		• 42	W. Beron	E. Constable	Apr.10,1961	6	12	90	10	Fresh	ם	Teosoil 3; sendy loam 50; blue clay 75; limestone 92. Water at 90.
Con V Con VI Con VI	I	" 33	G. Mallett J. Williams F. Smid	W. Packhom Cross Bros.	Oct.27,1960 Sep. 6,1960 Nov.29,1960	6 6	7 10 2	50 40 90	28 30 30	:	D D	Brown clay loam 69; limestone 73. Water at 71. Brown clay 50; fine sand 70; medium gravel 84. Water at 84. Topsoil 2; brown clay 30; quicksand 55; blue clay 65; limestone 100. Water at 90.
Con VI	ı	* 40	J. Wade	W. Packhem	Oct. 2,1961	6	2	80	23		D	Grey clay 30; silty clay 35; grey clay 64; limestone 82. Water at 75.
Con VI	I I	* 41 * 42	P. Storoschuk G. Celder	E. Constable Cross Bros.	Nov. 3,1963 May 15,1961	6	3	70 20	60 12		D D	Topsoil 4; brown clay 70; gravel 75; limentone 80. Water at 78. Topsoil 2; brown clay 34; ouickennd 64; blue clay 74; limestone 76. Water at 76.
Con VI			J. Lewis J. McClure	E. Constable Cross Bros.	Nov.26,1961 Apr.19,1961	6	2	°5 35	20 25	:	D D	Topsoil 5;blue clay 73;limestone 90. Water at 85. Topsoil 2;brown clay 20;blue clay 46;autoksand 60;fine sand 63;limestone 76. Water at 74.
Beverle Con I	ey Twp.	lot A	B. Bannister	W. Packham	Jan. 9,1961	6	20	25	21	Presh	D,S	Sandy clay 30; sand gravel 130; gravel 140; shale 145. Water at
Con I		<b>n</b> 2	W. Scott	Cross Bres.	Mar. 27, 1962	6	3	160	55		D,S	142. Tepsoil 1;brown clay 20;quicksand 95;fine brown sand 150;
Con I Con I		: 3 3	I. Mirkevie C. Taylor	F. Ince	Jul. 4,1962 Jul.20,1963	6	3 5	150 167	35 45	Sulphur	D,S	brown rock 167. Water at 160. Brown clay 6; blue clay 149; shale 150. Water at 149. Brown clay 10; blue clay 120; out cksand 155; linestone 167.
Con I		* 8 * 9	O. Ramey L. Wilson	s. G <sub>111</sub>	Sep.11,1962 Apr.24,1962	6	10 5	121 10	50 60	Presh	D D	Water at 156. Brown clay 6; clay 125; gravel 132. Water at 131. Dug well 40; sandy clay 128; grey rock 170. Water at 155 and 168.
Con I Con I		" 12	T.M.Spratt Ltd C. Mannon W. Vansickle	.W. Packham F. Ince S. Gill	Nov. 9,1960 Jul.17,1962 Dec. 7,1960	6 6	3 13 5	175 170 52	45 35 44		S C D	Dug well 30; silty sandy clay 155; limestone 176. Water at 165. Brown clay 6; blue clay 142; limestone 170. Water at 157. Grey clay 20; sandy clay 154; erey limestone 161. Weter at 158
Con I		" 13	R.C. Thomson	•	Nov.11,1961	6	10	70	45		D	and 160.  Brown clay 20; sendy clay 100; fine sand 142; grey clay 149.  Water at 147.
Con I		* 13	J. Sharp		Jan.19,1962	6	10	80	49		D	Brown clay 9; sandy clay 100; fine sand 146; brown rack 151.
Con I Con I Con I		W 16	C. Copeman H. Bishop J. Michalko	H. Johnson F. Ince	May 2, 1963 Apr.11,1963 Oct.16,1963	36 6 6	1 <del>1</del> 3 0	30 196 0	35 0		D,s	Sand 6; brown clay 13; sand 14; blue clay silt 32. Water at 4. Brown clay 10; blue clay 190; coarse gravel 196. Water at 196. Brown clay 8; quicksand 60; blue clay 198; blue shale 274. Dry hole.

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w	ENTWO	ORTH COUNT	( -cai	nt.										
	Bever	rley Twp.	- con	t. 1	D. Weaver	H. Johnson	Feb.18,1963	26	30	22	16	Fresh	ם	Sandy clay 4;sand silt 28. Water at 19.
	Con	Ī	100		P.N. Franklin	a, Jonnson	Nov.29,1963	36 36	5	19	16	resn	s	Brown sand 9;grey reddish sand 16;hard clay 18;sandy clay 26;
	Con	I		21	A. Hohlow	*	Jun.25,1963	30	5	5	5		D	soft clay 27; reddish grey silt 35. Water at 16. Sand 5; ouicksand 11; medium coarse sand 15. Water at 5.
	Con	I	*	22	M. Vandrogelen	P Town	Apr. 1,1963 Oct.17,1961	30 36 6	5 45 25	5 6 316	5 4 140		S n s	Fine sand 10; coarse sand 13; fine sand silt 16. Water at 6. Brown clay 4; blue clay 264; limestone 212; red shale 316. Water
	100 7000										-	_		at 300.
	Con	I	*	24	J. Hromada	H. Johnson	Nov.11,1963	36	5	14	12		D	Brown sand shale hardoan 12; reddish brown sand shale 20.
	Con		*	28	G. Sharpe Windsor Golf	S. Gill H. Johnson	May 29,1961 Aug.26,1963	6 36	10 5	150 15	11		D P	Sandy clay 125; blue clay 200; coarse sand 228, Water at 228.  Brown sand 8; grey sand 20; blue clay sand layers stone 32;
			-		Course	n. Johnson		-						blue clay layers sand stone 43. Water at 17.
	Con			31	B. Murray P. Rolfe		Jun.19,1963 Jun.20,1963	36 30	5	52 65	44 64		D D	Medium fine grey send 44; clay silt leyers 72. Water at 44.  Brown sand 28; grey sand 56; light grey sand 64; red coerse
				-	H. Smith	F. Ince		6					D	sand 72, Water from 64 to 72.
	Con			-	- 10-100H 1, 10H		Aug.22,1961		10	150			D	Brown clay 6; sandy clay 60; blue clay 136; grey limestone 176. Water at 176.
	Con	I	*	36	C.F. Hunt	G.J. Wallis	Aug.25,1960	6	15	121	64	*	D	Brown topsoil 3; yellow sandy clay 44; reddish brown sand clay 61; dark sandy grey clay 103; light grey clay 121; grey limestone
		_	_				A	_						131. Water at 127.
	Con	1			G. Veldhuis	F. Ince	Aug.24,1961	6	30	132	50		D	Dug well 27; sandy clay 80; blue clay 120; wrey limestone 132. Water at 125.
z-	Con	I		36	T. Rokowski		Aug.25,1961	6	25	132	75		D	Brown clay 4; sandy clay 90; blue clay 120; grey limestone 132.
455	Con	II		3	L. Wahtras		Jun.12,1963	6	3	160	50		D,S	Brown clay 15:blue clay 150:limestone 160. Water at 155.
	Con	11		3	R. Durham M. Leegsira	W. Packham F. Ince	Aug.13,1963 Mar. 1,1960	665666	3102	130 145	22		D,S	Gravel clay 87; limestone 132. Water at 90. Loam 3; blue clay 119; limestone 145. Water at 145.
	Con	II		6	Misner & Gould		Nov. 14, 1960	6	5	56 57 45	35	Sulphur		Dug well clay 39: limestone 66. Water at 65.
	Con	II	*	?	A. Humphrey		Jul.12,1960	6	8	57	42		D D	Brown clay 15; grey clay 33; grey rock 64. Water at 63.
	Con	11		7	E. Dayman V. Sinclair	F. Ince	Oct.31,1961 Jan. 7,1960	5	2	140	30 45	Fresh	D.S	Brown clay 14; sandy clay 18; grey limestone 52. Water at 51. Brown clay 2; blue clay 115; 1 mestone 140. Water at 140.
	Con	ÎÎ	W	8	C.O. Garner	S. G111	Mar. 6.1960	566	10	20	18	Sulphur		Brown clay 8; grey rock 53. Water at 52.
	Con	II		8	M. Young		Oct.28,1960	6	10	32 18	20	Fresh	D	Brown clay 10; sandy clay 20; grey rock 49. Water at 45.
	Con	11		8	H.B. Dayman	-	Oct.31,1960	6	8	18	11	Sulphur		Brown clay 7; grey clay 32. Water at 31.
	Con	ĨĨ		8	E. Chambers	-	Aug.21,1963	6	6	45	16		D	Brown clay 1; grey rock 56. Water at 50 and 55.
	Con	11		10	H. Jones	,	Dec, 21, 1961	6	2	7	36	Fresh	D	Sandy clay 50; blue clay 80; sandy clay 115; grey rock 141. Water at 114.
	Con		*	9	R. Kairys	F. Ince	Jul.12,1963	6	20	60	50	. *	D,S	Brown clay 10; blue clay 109; limestone 119. Water at 117.
	Con	11	1.00	11	M. Forjan	S. G111	Mar. 2,1961	6	6	33	18	Sulphur	D	Dug well 30; fine sand 53; blue clay 59; sandy clay 63; grey rock 79. Water at 78.
	Con	II	•	14	G.B. Meiler	•	May 2, 1962	6	4	5	17	Fresh	D	Brown clay 15; sandy clay 50; blue clay 70; fine sand 74; grey rock 82. Water at 80.
	Con			17	A. Hardy		May 28,1960	6	6	31	16		D	Brown clay 10; grey sand 66; grey rock 84. Water at 80.
	Con	11		17	M. Sally	H. Johnson	Dec.30,1963	36	3	18	23	"	S	Brown sand 9;silt 13;clay 20;silt 26;hord sand 30;silt 40.
	Con	11	•	18	C. Forsinger	S. G111	Nov.15,1963	6	9	40	23	Sulphur	S	Dug well 25; sandy clay 50; fine sand 56; grey rock 68. Water at
	Con	II	•	19	B. Malejko	•	Nov.21,1961	5	2	23	18	Fresh	S	Sandy clay 35; grey clay 55; fine sand 65; blue clay 100; sand
	Con	II		22	H.Vandermeulen	F. Ince	Nov.22,1961	6	10	85	30		D	clay 132; grey rock 175. Water at 150 and 165. Brown clay 4; blue clay 62; limestone 85. Water at 85.
	Con		•		D. Brown	W. Packham	Nov. 8,1961	6	4	85 140	15	Sulphur	D	Yellow loam 10; stilty clay 50; sandy clay 110; clay 132;
	Con	II		30	J.D. Brown	HadcoWell Digging	Apr.11,1962	30	2	29	12	Fresh	D	limestone 145. Water at 140. Topsoil 1; brown sandy clay 8; blue sand 16; blue clay 21; blue
														send 30. Water at 12 and 21.
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1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	i	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	TNG	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	TH COUNTY				<b>=</b>					*		
Con II	y Twp	cont. lot 33	Sunshine Const	G.J. Wallis	Oct.16,1961	6	3	106	32	Fresh	D	Light brown sand clay 14; sandy grey clay 65; grey clay 106;
Con II		<b>"</b> 34		S, G111	Oct.18,1960	6	10	20	15		In	grey limestone 116%. Water at 115. Sandy clay 50; fine sand 70; grey rock 100. Water at 90.
Con II	1		Producers H. Wald R. Gilman	F. Ince	Oct. 9,1961 Oct. 6,1962	6	5 1	125 140		Sulphur Fresh	D,S	Brown clay 4; blue clay 92; limestone 131. Water at 131. Brown clay 10; sandy clay 90; blue clay 121; rock 145. Water at
Con II	II	<b>"</b> 3	G.W.Robertson	W. Packham	May 8, 1961	7	10	90	60	Sulphur	s	Brown clay 30; sandy clay 117; limestone 140. Water at 135.
Con II	II II	" 6 " 6	H. Kloese G. Misiner	S. G111	Jan.11,1961 Aug. 8,1961	7 6 6	1	21 17	16 15	Fresh	D D	Brown clay 15; sandy clay 38; grey limestone 55. Water at 48. Brown clay 25; grey rock 68. Water at 60.
Con II	I	• 7	Troy United Church		Jun. 1,1961	6	10	70	50	H	D	Brown clay 30; fine sand 45; grey rock 78. Water at 77.
Con II	II	* 8	G. Brown C.J. Nispel		Oct. 4,1961 Oct. 3,1961	6	10	49	35 33 19	Sulphur	D D	Brown clay 15;grey clay 29;grey limestone 66. Water at 65. Brown clay 12;grey limestone 47. Water at 46.
Con II	II	" 15	W. Nisbet	C. H111	Feb.15,1963	4	15 12	45 65 38	19	_ *	D,S	Clay send mixed 69:blue grey rock 160. Water at 160.
Con II	I	" 24 " 25		S. Gill R.Embleton & Son	May 14,1962 Jun.28,1960	6	12 30	17	5 14	Fresh	D	Grey clay 10; sandy clay 44; grey rock 58. Water at 50 and 56 Brown clay 12; grey clay 41; soft blue clay 51; limestone 83.
Con II	ΙI	" 25	P. Massey	W.E. Scriven	Oct. 2,1961	6	5	30	22		D	Water from 79 to 83. Topsoil 2; brown clay 30; dark sandy soil 45; grey clay 50;
Con II	T.	* 26	J. Whetham	SG111	Apr.12,1962	6			16	Sulphur	D	limestone 58. Water at 58. Sandy clay 42; grey rock 65. Water at 55 and 62.
Con II	I	" 27		•	Mar. 6,1962	6	15 8	35 36	10	Fresh	D	Sandy clay 41; grey limestone 76. Water at 60 and 75.
Con II	II	20	M. Hugill Ont.Dept. of	C.J. Wallis W. Ward	Oct. 9,1962 Mar. 8,1963	6	2	94	14 15		D D	Dug well 22; grey clay 31; white limestone 104. Water at 98. Brown clay 5; brown clay red blue clay 10; blue clay 15; sandy
Con II	т	* 31	Highways		Mar. 8,1963	36						blue clay 155; blue clay 25; solid rock. Water at 15.  Brown clay 5; reddish brown clay 9; reddish blue clay 15; blue
		,-		2 2								clay 23*; limestone. Dry hole.
Con II			W. Hanes	S. G111	Oct.31,1961	7	4	19	14	Fresh	D,S	Brown clay 15; sandy clay 21; grey limestone 27. Water at 50 and 86.
Con IV		. 3	H.J. Cromwell T.VanderHarat		Aug.13,1962 May 11,1963	6	20	13	10	Sulphur Fresh	D D	Dug well 8; grey rock 20. Water at 20. Sandy clay 46; grey rock 56. Water at 55.
Con IV	I	" 5	P.P. Manel	*	Dec. 5,1963	6	10	50 20	13	Sulphur	S	Blue clay 24; grey rock 100. Water at 68 and 95.
Con II	<i>T</i>	* 5	O. Robb		Dec.30,1963	6	9 9	90	30		D	Grey clay 40; clay sand 56; grey rock 116. Water at 90 and 11
Con I			A. Nagel R. Dewit		Nov5,1963 Dec.18,1961	8	9	20	12	Fresh	D	Brown clay 9; grey rock 42. Water at 40.  Brown clay 1; grey rock 60. Water at 45 and 58.
Con IV			J. Shaw		Mar.28,1963	6	30	5 14	2		s	Brown clay 6; grey rock 22. Water at 20.
Con II	1		T.W. Mackay		Jun.13,1960	6	4	R	6		D	Brown clay 2; rey rock 38. Water at 28 and 35.
Con IV	,	19	D. Leidlaw J. Vanry		Mar.11,1963	6	6	21	15		D	Brown clay 12; sandy clay 20; grey rock 60. water at 45 and 3
Con IV	, I		J.Den Otter	C. Hill	May 24,1963 May 25,1960	1 0	10	65	12		D	Sandy clay 19; grey rock 40. Water at 55 and 68. Shale 8; bluish grey rock 60. Water at 60.
Con IV		" 20	L. Leffler	S. G111	Jul.10,1961	6	2	20	16	•	۵	Brown clay 2; grey rock 33. Water at 30.
Con II		* 20			Jul.12,1961	6	1	11	8	•	S	Brown clay 1; grey rock 44. Water at 35.
Con IV		20			Aug. 12, 1963	6	10	35	21		S	Brown clay 4; erey rock ?5; brown rock 5?. Water at 45 and 50
Con IV	,	" 21 " 21			Sep. 1,1960	6	5	10	1P		D	Grey clay ?3; brown limestone 34. Water at 33.
Con I	7		Two. Beverley W. Slack	C. Hill	Apr.30,1962 May 24,1963	4	10	6	4		D D	Brown clay 2; grey rock 64. Water et 62. Clay 3; grey rock 41. Water at 41.
Con IV	7	. 33		S. G111	Jun. 13, 1961	6	3	235	12		D	Brown clay 15; fine sand 21; grey rock 36, Water at 25 and 35
Con IV	7		J. Dillon	C. H111	Dec.23,1963		3	70	2		D	Previously drilled well 42; grey limestone 23. Water at 73.
Con IV	7		R. Edworthy	S. G111	Mar.25,1960	6	5	25 11	20		D	Brown clay 31; limestone 57. Water at 50 and 55.
Con IV		23	F.J. Haines		Aug. 16, 1960	6	4	11	10		S	Brown clay 10; sandy clay 18; orey limestone 51. Water at 31 and 49.
Con II	I	* 24	Supertest Pet- roleumCorpLtd.		Oct.29,1963	6	5	50	15		С	Dug well 1º; ouicksond 47; blue cloy 66; limestone 76. Water 9

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	ENTWORTH COUNT Beverley Twp. Con IV Con IV Con IV Con IV	cont	25 25 25 25	W. Goop E.Oveirmeyer A. Voss H.S. Rose	s. Gill	Aug. Aug. Aug.	9,1962 1,1962 14,1962 27,1963	6666	7 10 10	19 19 19 28 20	12 14 14 13	Fresh	D D D	Grey clay 2; grey rock 40. Water at 40. Grey rock 40. Water at 38. Grey rock 40. Water at 30. Grey rock 42. Water at 40.
	Con IV Con IV Con IV	**	27	R. Dagg H. Roung J. Sparks		Oct.	3,1961 19,1960 25,1960	6666	7 5 10	18 15	10 5	*	ם ם	Sandy clay 29; grey limestone 47. Water at 46. Dug well 28; grey rock 48. Water at 46. Brown clay 6; fine sand 29; sandy gravel 30; grey limestone. Water at 28.
	Con V Con V Con V Con V	**	4 6	G.C. Willerd	C. Hill S. Gill	Jul. Jun.	6,1960 4,1963 17,1963 22,1962	4 6 6	3 12 9 10	65 60 68 60	26 8	Sulphur Fresh Sulphur Fresh	םםםם	Sticky clay 23; hard blue rock 73. Water at 73. Pit 6; clay 50; grey limestone 81. Water at 81. Dug well 11; clay 23; rock 80. Water at 75. Blue clay 20; sandy clay 45; fine sand 58; grey rock 100. Water at 80 and 95.
	On V Con V	*	10 11 13 18 20 21 30	M. Seitck B. Decker A. Brdeni R. Soley G. Marcy J.G. Boyes G. Rinas W. Kuras P. Vrtend H. Mantel	B.0°Connor S. Gill C. Hill G.J. Wallis Cross Bros. E. Pegg	Nov. Jan. Sep. Jul. Jun. May May Jul.	22,1961 8,1963 17,1961 2,1963 5,1960 20,1962 18,1961 12,1961 3,1962 10,1963	6666546665	8 8 5 7 5 5 9 12 5	31 22 40 15 40 50 51 51	16 10 23 16 6 17 18 9 8	# # # # # # # # # # # # # # # # # # #		Grey cley 5; grey rock 41. Water at 40. Blue cley 3; grey rock 40. Water at 15 and 35. Brown cley 3; limestone 36. Water at 35 and 49. Brown cley 6; brown rock 51. Water at 40 and 49. Brown cley 1; grey rock 25, Water at 10 and 23. Shale 20; bluish grey rock 42. Water at 42. Brown cley stones 11; white limestone 72. Water st 70. Brown soil 6; white limestone 60. Water at 58. Tonsoil 1; sand loam 4; limestone 27. Water at 26. Dug well 9; quicksand 12; boulders 13; tolue cley 14; limestone
45	Con V Con VI	# #	35	W.M.Zawliski Sheffield	J.B. Ruttan C. Hill	Oct.	26,1961 11,1960	6	10	16	6 23		D D	24. Water at 21. Brown losm 2; limestone 35. Water at 24. Clay 15; grey blue rock 100; white limestone 112. Water at 112.
7	Con VI Con VI Con VI Con VI Con VI Con VI Con VI Con VI Con VI Con VI Con VI Con VI Con VI Con VI Con VI	**	6 7 7 7 7 8 8 8 8 10	United Church J. Foremen R. Bruce R. C. Herring C. Gringer B. Cornell D. Knight J. Mein M. Gemst B. Mintz L. Legrend G. Culham Belacce Gino Construction	S. Gill C. Hill S. Gill C. Hill W. G. Hill W. E. Scriven	Sep. Jun. May May Oct. Nov. May May Oct. Oct.	19,1960 17,1960 16,1962 14,1963 21,1963 27,1963 22,1961 4.1962 15,1962 31,1963 11,1962 28,1961	44644644646	10 5 12 15 10 10 8 10 15 9	50 50 55 50 50 50 50 50 50 50 50 41 41 41 41 41 41 41 41 41 41 41 41 41	20 27 17 12 33 16 28 3 16 14			Clay 3;grey limestone 110. Water at 110. Clay 24;grey limestone 90. Water at 90. Grey clay peobles 21;grey rock 75. Water at 50 and 73. Clay 9;white limestone 109. Water at 109. Clay 14;gravel 17;grey limestone 86. Water at 86. Clay 2;grey rock 88. Water at 86. Clay 9;grey limestone 75. Water at 75. Clay boulders 20;greyish blue limestone 130. Water at 130. Clay 8;grey limestone 70. Water at 70. Grey clay 9;grey rock 47. Water at 47. Hard gravel 20;greyish 61. Hard gravel 20;grey rock 70. Water at 70. Topsoil 2;shaly rock 6;limestone 38. Water at 38.
	Con VI Con VI Con VI Con VI Con VI	**	27 28 31	L. DalBello D. Knight E. Patton G. Sweers D. Richardson	C. Hill S. Gill W. Packham S. Gill Cross Bros.	Oct. Jul. Oct.	1,1960 24,1963 1,1960 14,1960 21,1961	46666	10 8 10 3 5	26 50 25 25 70	26 20 17 20 50	:	0000	Clay 15; bluish grey rock 44. Water at 44.  Deepened well grey rock 65. Water at 60.  Stony clay 4; shale 6; limestone 35. Water at 30.  Clay boulders 10; fine sand 21; grey rock 50. Water at 40.  Topsoil 1; brown clay 4; sand gravel 100; limestone 120. Water
	Con VI Con VI Con VII Con VII	# #	36 G	R.B. Nicol J. Royle H. Rieck J. Mercer	J.B. Buttan W. Packham C. Hill S. Gill	Oct. Jan.	25,1961 31,1963 22,1960 8,1962	6646	5 8 10 12	58 190 40 14	26 65 15 10	* * * * * * * * * * * * * * * * * * * *	םםםם	at 120.  Grey clay boulders 22; limestone 52. Water at 32 and 50.  Pit 5; stony clay 88; black limestone 106. Water at 96.  Clay 8; quicksand 50; gravel 57; hard blue rock 85. Water at 85.  Dug well 26; grey clay stones 50; silt 56; grey. rock 26. Water at 75.
	Con VII Con VII Con VII	w	1	R.G. Doerfling R. Rennie M. Dasilvia	S.W. Merritt C. Hill S. Gill	Jan.	6,1963 28,1960 10,1963	6 4 6	15 10 8	28 40 28	13 30 18		םםם	Boulders sand 50; limestone 58. Water at 58. Clay large stones 20; sand 27; hord blue rock 66. Water at 66. Brown clay 2; grey rock 40. Water at 30 and 38.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

	LOCATION	ı	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
١	Beverley Twp Con VII Con VII		A. Glasser L. Studmen	s. Gill	Oct.19,1960 Aug. 7,1961	6	10	12 50	7 20	Fresh	s	Grey rock 25; Water at 23. Brown clay 15; clay stones 39; grey rock 68. Water at 60 and
	Con VII Con VII Con VII Con VII	* 4 * 4 * 6 * 10	E. Williemson W. Relph J. Bevers	C. Hill S. Gill W. Packham S. Gill	Nov. 6,1962 Sep.23,1963 Jun.19,1963 Nov.30,1961	4 6 6 6	10 8 4 8	18 45 50 37	18 30 30 25	:	ם ם ם	63.  Dug well 8;gravel 22;shale 34;grey limestone 88. Water at 88.  Clay stones 25;sand 39;grey rock 60. Water at 50 and 58.  Stony clay 40;cemented gravel 50;shaly rock 55. Water at 54.  Dug well 30;sand clay 48;fine sand 52;grey rock 63. Water at
	Con VII Con VII Con VII Con VII Con VIII	* 11 * 13 * 19 * 31 * 1	H.S. Armstrong	C. Hill S. Gill C. Hill W. Packham B. O'Cennor	Oct.16,1962 May 26,1961 New.15,1961 Jul. 1,1961 May 10,1961	4 6 4 6	10 10 10 7	9 35 40 50 57	9 5 17 35 13	:	D D,S D	65.  Dug well 7; clay 12; grey rock 40. Water at 40.  Grey rock 50. Water at 30, 40 and 45.  Clay 1; shale 12; grey limestone 62. Water at 62.  Stony clay 48; limestone 63. Water at 60.  Gravel boulders 15; gravel quicks
	Con VIII	* 1	W. StClair	S. G111	Jun.14,1962	6	15	40	15		۵	Water at 92. Gray clay stones 10; sand gravel 38; grey clay pebbles 53; grey rock 73. Water at 70 and 73.
	Con VIII	" 1	J. Johns		Mar.12,1963	6	20	83	6	*	D	Brown clay stones 20; sand gravel 35; sand 89; grey rock 93. Water at 92 and 93.
24	Con VIII Con VIII Con VIII	6 7 9	I. Allemang W. Foreman R. Whittier J. Stalker	C. Hill S. Gill C. Hill	Aug. 9,1963 Jul.21,1961 Sep.24,1963 Jul.26,1960	4 6 4	15 10 10 10	20 72 16 20	20 22 16 10	:	ם	Gravel stones 32; gray limestone 119. Water at 119. Stones gravel 25; gravel 38; gray rock 75. Water at 40 and 70. Clay gravel 5; grey limestone 44. Water at 44. Clay boulders 30; fine gravel 41; grey limestone 61. Water at 61.
23	Con VIII Con VIII Con VIII Con VIII Con VIII Con VIII Con VIII Con VIII	15 15 18 18 18	J.H. Hassell C. Roth W. Copp T.J.Puga Cath- olicHecrestion		Jan.11,1960 Jan.14,1960 Jun.15,1962 May 31,1960 Sep.18,1961 Jul.28,1960 Dec.15,1961 Nov.13,1963	4444444	10 10 15 4 10 10 8 30	20 20 30 70 30 15 27	10 10 3 11 20 15 27 6		00000000	Clay stones 14; brown limestone 52. Water at 52. Clay 8;gravel 25; light brown limestone 50. Water at 50. Clay 3; outcksand 8; gravel 13; grey limestone 55. Water at 55. Clay 3;; gravel 39; hord blue rock 80. Water at 80. Clay 1; gray limestone 51. Water at 51. Shale 7; gray limestone 33%. Water at 33%. Brown clay gravel 12; limestone 45. Water at 40. Blue clay 3; gray rock 52. Water at 35 and 50.
	Con VIII Con IX	* 35	Centre S. Semancik	G.J. Wallis S. Gill	Jul. 2,1960 Dec.23,1963	6	2 20	19 40	10 30		P D	Brown sandy soil 2%; white limestone 33. Water at 29. Dug well 20; sandy clay 50; sandy clay gravel 91; grey rock 107. Water at 105 and 107.
	Con IX	3 4	J.S. Boyd J.R. Wakeford	W. Packham S. Gill	Apr.21,1960 Dec. 4,1962	? 6	5 15	60 70	5 17		D S	Stony clay 60; sand gravel 80; coarse gravel 85. Water at 85.  Blue clay bebbles 25; sand clay 45; silt 70; fine sand 98; coarse
	Con IX	• 8	Dr.H. Miller	C. Shantz	Jan.31,1962	5	5	60	28	*	D	sand 100. Water at 100.  Oay gravel 42; sitty sandy clay gravel 80; grey rock 110.  Water from 108 to 110.
	Con IX	<b>1</b> 2	G. Haines	F. Ince	Jan.28,1961	6	10	90	30		D,S	Brown loam 3;blue clay 30;gravel clay 80;grey limestone 90. Water at 90.
	Con IX Con IX Con IX Con IX	" 16 " 17	P.&I. Wenge D.E. Little E. Swan J. Kuzawski G. Kimpel	C. Hill L.C. Shantz E. Pegg C. Hill W. Packham	Sep. 4,1963 Aug.26,1960 Jun.27,1963 Jun.24,1961 Oct. 5,1963	4 5 5 4 6	12 15 13 10 30	30 16 14 10 20	5 12 6 5 16	:	00000	Clay boulders 27; grey limestone 75. Water at 75. Broken rock 12; grey limestone 30. Water from 20 to 30. Topsoil 1; boulder 6; limestone 26. Water at 23. Clay 8; shale 18; yellowish limestone 36. Water at 36. Dark brown losm 6; gravel clay lesm 25; gravel clay 31; soft white limestone 39. Water at 36.
	Con IX		J. Holtzhower	•	Oct.29,1963	6	10	70	40	*	D	Basement R;stony clay 19; bedrock white limestone 80. Water at 55 and 72.
	Con IX	. 50	G. Mantler	*	Feb. 2,1963	6	20	50	18	*	D,S	Clay gravel 23; limestone 75. Water at 40 and 73.

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	Beverle, Twp. Con IA Con IX Con IX Con IX	lot 2	0 G. 0 W. 5 N.	Mantler Nikesch Law Hunter	W. Packham J.B. Ruttan J.A. Anderson W. Packham	Feb. 2,1963 Oct. 2,1963 Oct.15,1963 Aug.22,1962	6 7 6 6	20 5 15 30	50 55½ 18 17	18 18 18	Fresh	D,S D D	Clay gravel 23; limestone 75. Water at 40 and 73. Broken limestone silt 5; grey limestone 55%. Water at 33 and 42. Hardpan 4; boulder sand gravel 33. Water at 30. Stony clay 10; clay 15; stones gravel 24; limestone 28. Water at 26.
	Con IX Con IX Con IX Con X	# 6 # 6	2 W. 5 J. R.	E.Mesher Altenau Hood McIlwrath Angus	G.J. Wallis Cross Bros. B.O'Connor F. Ince S. Gill	Jun.25,1960 Feb.24,1961 May 3, 1963 Jul.12,1962 Dec.12,1963	66666	40 5 10 20 8	15½ 3 8 70 50	7 3 6 8 15	H H H	D D D D	Brown clay gravel stones 12½; white limestone 25. Water at 24. Topsoil 2; grey limestone 25. Water at 24. Limestone 40. Water at 35. Stony gravel 15; stony clay 80; limestone 90. Water at 98. Dug well 17; clay stones 40; silt 85; clay stones 97; grey rock
	Con X	" 6	F.	Lapine	HadcoWellDigging	Apr.10,1962	271	2	25	21		D	107. Water at 98 and 105. Topsoil 1; brown sandy clay rock 7; brown sand 10; cabble stone 25. Water at 21.
	Con X	" (			S. Gill	Jun.21,1962	6	15	75	30		D	Dug well 24;sandstones 80;silt 110;grey rock 126. Water at 120 and 126.
	Con X Con X	" (		Thompson Angus	W. Packham	May 4, 1963 May 6, 1963	6	25 25	30 40	25 20	:	D S	Stony clay 15; sandy clay 40; gravel 48. Water at 47. Stone fill 4; stony clay 20; silty sandy clay 60; sand fine gravel 70; clay 84; limestone 95. Water at 92.
	Con X	πj	1 E.	Johnson	G. Wallis	Oct.11,1962	6	30	66	20		D,S	Dug well 19; light grey clay sand grovel 57; grey clay 742; white limestone 76. Water at 75.
	Con X	* :	7 J.	B.Janssen	W. Packham	Oct. 4,1963	6	12	45	24	"	D,S	Dug well 21; sand gravel clay 36; soft white limestone 52. Water at 50.
	Con X	W 1		verHatchery Derley	S. Gill W. Packham	May.16,1961 May 23,1963	6	12 8	60 30	15 9	"	D D	Clay stones 33; brown rock 80; grey rock 95. water at 93. Stony clay loam 10; silty sandy clay 29; limestone 35. Water at 32.
1	Con X	n 2	4 J.	R. Ward	J.B. Ruttan	Jul.31,1963	6	21/2	94	38		D	Grey clay boulders 56; blue clay gravel small boulders 74; light grey limestone 94. Water from 78 to 83.
	Con X Con X Con X		8 R. 2 Bo	Hofman Stekner y Scout Camp	B. O'Connor J.B. Ruttan W. Packham	Mar.10,1962 Mar.14,1962 Mar.28,1961	666	10 6 15	22 59 29	20 21 8	11 N	D D P	Gravel boulders 12; limestone 40. Water at 38, Clay 5; broken limestone 10; brown limestone 59. Water at 58. Stone clay 1; limestone 42. Water at 40.
	Con X Con X	# 2 # 3	4 L.	milton Kerr Smith	Cross Bros.	Oct.19,1962 May 24,1960		24 5	25 16	15 15	**	ם	Dug well 9; limestone 38. Water at 25 and 35. Sand boulders 4; limestone 28. Water at 26.
	Binbrook Twp. Bl.I Con I	lot 2	41	t.Dept. of	F. Merritt	Aug.20,1963	6	20	20	15	Fresh	P	Blue clay 43;grey limestone 46. Water at 46.
	Bl.I Con I Bl.I Con I	" 1		VanBeek Hafichuk	S.w. Merritt G.J. Wallis	Jul.20,1962 Sep.27,1960	5	15 9	20	18 9	Sulphur Fresh	D D	Clay 6; boulders 9; rock 33. Water at 33. Light brown clay 10; grey clay 14½; grey limestone 24½. Water
	Bl.I ©n I	" 5	J.	Thomas	Cross Bros.	Mar.25,1963	6	10	20	15		D	at 23. Topsoil 1; brown clay 16; grey clay 29; limestone 32. Water at
	Bl.I Con II Bl.I Con II Bl.I Con II Bl.I Con II	" 1 " 1 " 2	H.	Holland Simms Battings VanArkel	W. Packham E. Constable	May 1,1961 May 3, 1961 May 30,1962 Mar. 1,1960	6	20 20 10 3	22 22 15 23	12 12 15 15	Sulphur * Fresh	D D D	32.  Brown clay 16;dark grey limestone 32. Water at 30.  Brown clay 16;limestone 32. Water at 30.  Topsoil 3;brown clay 17;limestone 25. Water at 23.  Brown clay 3;blue clay boulders 28;hardpan 30;coarse gravel 32. Water at 30.
	Bl.I Con II Bl.I Con II	" 2		Riley Bottinga	Cross Bros. E. Constable	May 18,1960 May 1, 1961	6	4	20 18	12 10		D D	Clay 20; quick and 30; clay 35; limestone 47. Water at 45. Topsoil 4; blue clay 30; coarse gravel 37; limestone 42. Water
	Bl.I Con II	" 2		*		May 21,1961	6	5	45	30		D	at 40. Topsoil 5; brown clay 40; coarse gravel 45. Water at 45.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

OWNER	DRILLER	COMPLETION DATE	DIA-	ING	PUMP- ING LEVEL		WATED	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
B. Dressler	G.J. Wallis	Nov.29,1962	6	25	25	73	Fresh	D	Light brown clay 17; grey clay 28; grey limestone 41. Water at
A. Bailey S. Philips G. Losder N.A. Rogers	E. Constable F. Werritt W. Packham G.J. Wallis	Jun.19,1963 Feb.21,1961 May 2, 1961 Apr.17,1962	6 56 6	3 10 20 25	20 25 25 20	15 22 15 7	:	D,S D D D	39, Topsoil 3;rough gravel stones 28; limestone 35. Water at 30. Brown clay 30; blue clay 38; grey limestone 382. Water at 382. Brown clay 20; limestone 30. Water at 25. Light brown clay 14; grey clay 22; grey limestone 301. Water at
J. Smith G. Carey	W. Packham	Jul. 4,1962 May 13,1961	6	30 9	14 35	6 27	:	D D	30. Light brown clay 14; grey limestone 24. Water at 23. Grey clay 65; clay grevel 70; shele 22; limestone 25. Water at
E. Penny	Cross Bros.	Apr. 4,1963	6	15	25	16	*	ם	Topsoil 1; brown clay 18; grey clay 60; fine grovel 64. Water at 64.
M.R. Weir W. Forgrave Star Brand Packers	S.W. Merritt W. Packham	Mar. 1,1961 Mar. 3,1961 Feb. 8,1962	6 6	15 15 30	32 28 60	30 26 40	Sulphur	D D In	Clay boulders 90; grey shale 82. Water at 82. Clay boulders 73; grevel 75. Water at 75. Grey clay 65; clay gravel 73; limestone 85. Water at 83.
Athletic Ass.	G.J. Wallis	Nov.16,1963	6	25	34	20	Presh	P	Brown clay 10; grey clay 24; broken soft limestone 25%; grey
R. Patterson	Cross Bros.	Jul.14,1961	6	5	25	12		ם	limestone 44. Water at 39 and 42. Topsoil 1; brown clay 16; blue clay 22; limestone 37. Water at 36.
R. Philip Gos & Gris Starlite Const G. Bayliss	W. Packham P. Herritt Cross Bros. G.J. Wallis	Nov. 9,1962 May 4, 1963 Jan.20,1963 Feb.25,1960	6 5 6	24 10 5 30	20 20 25 20	10 15 15 17	•	S In D	Brown clay 40;gravel 46. Water at 45. Brown clay 40;grey limestone 43. Water at 43. Brown clay 19;limestone 32. Water at 30. Light brown clay 14;grey clay 30;grey clay gravel 31;grey limestone 37%. Water at 36.
B. Gutts D. Mitchell M.Vanderzanden E. McQuire E. Wagner	P. Ince P. Merritt W. Packham W.E. Scriven S.W. Merritt	Jun.28,1963 Jan. 9,196' Sep.30,1960 Mar.30,1960 Aug.12,1960	65666	20 10 15 20	25 20 30 22 5	18 15 21 5	Fresh Sulphur	D N	Brown clay 6; blue clay 38; shale 40. Water at 40. Brown clay 14; grey limestone 39. Water at 38. Brown clay 40; shale 53. Water at 42. Topsoil 2; brown clay 12; blue clay 16; limestone 30. Water at 30. Clay 15; rock 27. Water at 27.
R. Flemming L. Stephenson W. Wright G.L. Martin	P. Merritt W. Packham R.Embleton & Son	Sep.30,1962 Oct.19,1960 Jun.29,1961	55666	5 10 20 6	55 35 18	33 25 12	Sulphur Fresh	D D	Clay 16; rock 23. Water at 23. Clay 48; rrey limestone 58. Water at 58. Brown clay 38; shale 42. Water at 40. Clay 25; rrayel shale 27. Water from 25 to 27. Brown clay 8; blue clay 18; broken limestone 20; limestone 39.
Z. Gregory P. Stesik	F. Merritt W.E. Scriven	Dec.15,1961 Sep. 6,1963	6	10	60	40	Sulphur Presh		Water at 37. Clay 52; limestone 86. Water from 75 to 85. Tonsoil 2; brown clay 15; grey clay 40; coarse provel 42. Water
F. Nowak		Jan.12,1961	6	10	65	40		D	at 42. Topsoil 2; brown clay 45; blue clay 21; coarse gravel 73. Water
M. Weaver H. Arms'rong Dr.D. Bell L. McLechlan G. Marsh S. Koyach Knox Presby- terian Church	W. Packham P. Merritt S.W. Merritt W.E. Scriven Cross Bros.	Jan.28,1963 Feb.19,1963 Oct.15,1963 Feb.26,1963 Oct.29,1963 Jul.25,1960 Oct.13,1962	66666666	15 20 10 16 14 5	80 75 70 50 45 30 65	62 65 65 50 35 25 50	Sulphur Fresh	D	Topsoil 1; brown clay 3; time clay 71; coarse gravel 73, water at 73.  Clay 84; shale 85. Water at 85.  Clay 90; clay gravel 82; shale 84. Water at 87.  Blue clay 87; crey limestone 874. Water at 87.  Grey clay stones 20; gravel grey chale 72. Water at 72.  Grey clay 67; grey shale 69. Water at 69.  Tonsoil 2; brown clay 30; brue clay 69; gravel 71. Water at 71.  Topsoil 1; brown clay 20; blue clay 60; nuicksand 70; b ue clay 73; coarse gravel 75. Water at 75.
	B. Dressler A. Bailey S. Fhilips G. Loader N.A. Rogers J. Smith G. Carey E. Penny M.B. Weir W. Forgrave Star Brand Packers Athletic Ass. B. Patterson B. Philip Gos & Gris Starlite Const G. Bayliss B. Outs B. Mitchell M. Vanderzanden E. McQuire E. Wagner B. Flemming L. Stephenson W. Wright G.L. Martin Z. Gregory P. Stesik F. Nowek M. Weaver H. Arms'rong Dr. Bell L. McLechlen G. Marsh S. Koyach Knor Presby-	B. Dressler  A. Bailey S. Philips G. Loader N.A. Rogers J. Smith G. Carey E. Penny Cross Bros. M.R. Weir W. Forgrave Star Brand Packers Athletic Ass. B. Patterson R. Philip Gos & Gris Starlite Const. G. Bayliss B. Cutts D. Mitchell M.Vanderzanden E. McSuire E. Scriven F. Merritt W. Fackham W.E. Scriven F. Merritt W. Fackham W. Fack	B. Dressler  B. Dressler  G.J. Wallis  Nov.29,1962  A. Bailey S. Philips G. Loader N.A. Rogers  J. Wallis  W. Fackham G. Carey W. Packham B. Weir W. Packham B. Weir W. Porgrave Star Brand Packers Athletic Ass. G.J. Wallis  Mov.13,1961  May 2, 1961  Apt.17,1962  May 13,1961  May 13,1962  May 13,1963  May 13,1961  May 13,1961  May 13,1961  May 13,1962  May 13,1963  May 13,1961  May 13,1962  May 13,1963  May 13,1961  May 13,1962  May 13,1963  May 13,1961  May 2, 1961  May 13,1961  May 2, 1961  May 13,1962  May 13,1963  May 13,1962  May 13,1963  May 13,1961  May 2, 1961  May 13,1961  May	B. Dressler  A. Bailey S. Philips G. Loeder N.A. Rogers J. Wallis  M. Packham B. Merrit W. Forgrave Star Brand Packers Athletic Ass. R. Patterson  R. Philip Gos & Gris Starlite Const Gos Bros.  M. Packham R. Philip Gos & Gris Starlite Const Starlite Const Gos Bros.  M. Packham R. Philip Gos & Gris Starlite Const Gos Bros.  M. Packham R. Philip Gos & Gris Starlite Const Gos Bros.  M. Fackham F. Merritt M. Fackham F. Merritt M. Fackham R. Philip Gos & Gris Starlite Const Gos Bros.  M. Fackham F. Merritt M. Fackham F. Merritt M. Fackham F. Merritt M. Fackham F. Merritt M. Fackham F. Merritt M. Fackham F. Merritt M. Fackham F. Merritt M. Fackham F. Merritt M. Fackham F. Merritt M. Fackham M. Merrit M. Fackham M. Merrit M	B. Dressler   G.J. Wallis   Nov.29,1962   6   25	B. Dressler   G.J. Wallis   Nov.29,1962   6   25   25     A. Bailey   E. Constable   Jun.19,1963   6   3   20     S. Philips   G. Loader   N. Fackham   May 2, 1961   6   20   25     J. Smith   G. Coarey   W. Packham   May 13,1961   6   20   35     E. Penny   Cross Bros.   Apr. 4,1963   6   15   25     M.R. Weir   W. Forgrave   Star Brand   W. Packham   Feb. 8,1962   6   30   60     R. Patterson   G.J. Wallis   Nov.16,1963   6   25   34     R. Patterson   Cross Bros.   Jul.14,1961   6   5   28     R. Patterson   G.J. Wallis   Nov.16,1963   6   25   34     R. Patterson   Cross Bros.   Jul.14,1961   6   5   25     R. Philip   Gos & Gris   G.J. Wallis   Nov.16,1963   6   25   34     R. Fattite Const.   G.J. Wallis   Nov.16,1963   6   25   34     R. Fattite Const.   G.J. Wallis   Nov.16,1963   6   25   34     R. Fattite Const.   G.J. Wallis   Nov.9,1962   6   24   20     R. W. Packham   Nov.9,1962   6   20   20     R. W. Packham   Sep.30,1960   6   30   20     S.W. Merritt   Jan.28,1963   6   20   25     Jan.20,1960   6   15   30     R. Flemming   F. Merritt   Jan.29,1961   6   20   22     R. Flemming   F. Merritt   Sep.30,1960   6   7   5     R. Flemming   F. Merritt   Dec.15,1961   6   20   22     R. Flemming   F. Merritt   Dec.15,1961   6   20   30     R. Flemming   F. Merritt   Dec.15,1961   6   20   30     R. Flemming   F. Merritt   Dec.15,1961   6   20   30     F. Nowak   M. Weaver   H. Arms rons   Dr.D. Bell   L. McLachlan   G. Marsh   S. Koyach   W. Fackham   Feb.29,1963   6   10   70     F. Merritt   S.W. Merritt   Peb.29,1963   6   14   45   5     G. Freshy   W. Fackham   Feb.19,1963   6   5   6   6   6   6   6   6   6   6	Date   Date	Dilate   D	Date   Date

W	ENTWOATH COUR	NTY _	con	ıt									
	Binbrook Two. Bl.4 Con I	c	ont.	K. Maser	W.E. Scriven	Jun.23.1961	6	3	22	18	Sulphur	D	Topsoil 2; brown clay 12; blue clay 24; limestone 41. Water at 41.
	Bl.4 Con I Bl.4 Con I		5	E. Wagner R. McIlroy	S.W. Merritt R. Embleton & Son	Mar. 1.1960	6	10 20	25 7	18 21/2	Fresh	D D	Clay 16; rock 33. Water from 33 to 26.  Dark loom 2; brown clay 4; brown grey clay 7; grey clay 10; blue clay small stone 14; brown limestone bedrock 26. Water from
	B1.4 Con II		1	G. Davis	W.E. Scriven	Jul.22,1960	6	10	23	15	и	D	19 to 24. Topsoil 2; brown clay 17; blue clay 40; limestone 45. Water at
	B1.4 Con II		1	W. Baston	G.J. Wallis	Dec.15,1960	6	20	37	35	*	D	Light brown clay 18; grey clay 41; grey limestone 44. Water at 43.
	Bl.4 Con II				W.E. Scriven	Oct,11,1960	6	3	16	12	•	D	Topsoil 2; brown clay 14; blue clay 17; llmestone 30. Weter at 30.
	B1.4 Con II B1.4 Con II B1.4 Con II B1.4 Con III	* * !	5 5 1	L. Talbot R. Lambert B. Male Binbrook Fair Grounds	E. Constable J.F. Wickett F. Merritt S.W. Merritt	Jul.19,1961 Sep.16,1963 Sep.20,1963 Oct.26,1963	6 566	30 12 5 10	20 16¥ 25 60	20 16 <sup>1</sup> 15 60	**	0 0 0	Tossoil 4; brown clay 24; limestone 30. Water at 26. Brown clay 6; yellow clay 20; rock 23. Water at 23. Brown clay 10; grey limestone 25. Water at 25. Clay 78; gravel 90; grey shale 81. Water at 21.
	Bl.4 Con III		2	C. Ensor	W.E. Scriven	May 22,1960	6	5	30	18	**	D	Tonsoil 2; brown clay 21; blue clay 39; limestone 49. Water at
	Bl.4 Con III			Binbrook Builders	Cross Bros.	Oct. 3,1962	6	6	72	50		D	Topsoil 1; brown clay 3°; blue clay 0; gravel 05. Water at 05.
	B1.4 Con III B1.4 Con III	I *	4 5	R. Kinsman J. Nugent	E.Constable W.E. Scriven	Jan. 5,1962 Dec. 1,1960	6	5	72 25	20 20	"	D D	Brown clay 3; blue clay boulders 64; limestone 90. Water at 82. Toosoil 2; brown clay 25; blue clay 37; limestone 50. Water at 50.
	B1.4 Con III	Ι "	5	J. Howard	E. Constable	Jun.17,1961	6	10	54	30		D	Topsoil 5; brown clay stones boulders 56; limestone 70. Water at 60.
	B1.4 Con III	I *	5	A. Semenuk	F. Merritt	Sep. 3,1963	6	19	60	55		D	Brown clay 30; blue clay 60; blue clay boulders 75. Water at
	Bl.4 Con III Bl.4 Con IV	, n	5 1	J. Battings G. Todo ruck	G.J. Wallis	Oct.26,1963 Jun.20,1962	6	10 15	60 68	50 21	n n	D D	Blue clay 58; grey limestone 67. Water at 65. Light brown clay 18; grey clay 70; grey clay gravel 77; fine grevel sant 78. Water at 77.
	Bl.4 Con IV Bl.4 Con IV	ni N	1	J. Battings J. Shea	E. Constable	Jun.2, 1962 May 8, 1963	6	3 5	80 41	40	m	D	Topsoil 4; brown clay 70; coarse gravel 87. Water at 85. Topsoil 4; blue clay 60; coarse gravel 70; hordban 75; shale 78. Water at 76.
	B1.4 Con IV B1.5 Con 1	н	2	D. Paice W. Wilson	F. Ince W.E. Scriven	Feb.16,1962 Aug.10,1960	6	3 5	67 15	30 12	n	D D	Brown clay 3; blue clay 60; limestone 67. Water at 67. Topsoil 2; brown clay 12; blue clay 16; limestone 27. Water at 27.
	B1.5 Con I B1.5 Con I	11 11 11 11 11 11	1 2 2 3 3 3 3	W, Croft J. Booty A. Watt B. Watt Starlight Const J. Demaline H. Seebeck R. Smith	S. Gill W. Packham F. Merritt Cross Bros. F. Ince G.J. Wallis	Aug. 31, 1962 Jul. 19, 1963 Nov. 28, 1962 May 7, 1963 Feb. 1, 1960 Dec. 8, 1960 Jan. 7, 1961 Nov. 15, 1961	66666666	5 12 12 7 5 20 1 40	36 30 18 20 14 18 50 32	25 20 6 12 12 10 25 26	Sulphur Fresh		Brown clay 15; blue clay 27; limestone 41. Water at 41. Grey clay 14; grey rock 42. Water at 40. Clay 23; limestone 28. Water at 26. Brown clay 23; limestone 30. Water at 30. Brown clay 15; quicksand 27; limestone 34. Water at 32. Brown clay 15; quicksand 27; limestone 32. Water at 32. Brown clay 2; blue clay 24; grey limestone 32. Water at 50. Dug trench 4#; light brown clay 15; grey clay 26; grey limestone Dug trench 4#; light brown clay 15; grey clay 26; grey limestone
	B1.5 Con II	M	5	J. MacDonald	Cross Bros.	Apr.18,1962	6	10	30	10	*	D	42½. Water at 42. Topsoil 1; brown clay 20; blue clay 30; limestone 40. Water at
	Bl.5 Con II Bl.5 Con II Bl.5 Con II Bl.5 Con II Bl.5 Con II	**	56666	W. Turner J. Woolen C. Dunbrack H. Lewis	E. Constable S.W. Merritt W.E. Scriven	May 15,1962 Jul.14,1960 Nov.19,1962 May 2, 1963 Aug.21,1963	6 56 6 6	15 218 4 5	8 40 22 28 20	8 12 10 14 15		0000	38. Brown clay 6; blue clay 20; coarse gravel 26. Water at 26. Clay 25; rock 56. Water from 28 to 54. Brown clay 15; blue clay 20; limestone 29. Water at 29. Brown clay 8; grey clay 23; limestone 35. Water at 35. Tonsoil 2; brown clay 10; grey clay 22; limestone 37. Water at 37.

LOCATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER		PUMP- ING LEVEL	T. WWWT.	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont. Binbrook Twpcont. B1.5 Con II lot 6 B1.5 Con II # 7 B1.5 Con III # 5 B1.5 Con IV # 6	K. Miner E. Fletcher Allard Const. W.G. Oliver	Cross Bros. W. Packham G.J. Wallis	Apr.13,1960 Dec.30,1960 Apr. 9,1963 Jul.24,1961	6 6	5 10 20	26 25 65	24 14 47	Fresh	ם ם ם	Brown clay 15; ouicksend 27; limestone 35. Water at 24. Brown clay 27; shele rock 31. Water at 29. Light brown clay 18; grev clay P4; grey limestone 92. Water at 91. Brown clay 30; blue clay 55; red grayel 24; grey limestone 92.
		r. merrict					35		ם	Water at 76 and 90.
B1.5 Con IV 6	A. Johnson		Aug. 8,1963	6	10	50	30			Blue clay 52;gravel boulders 78;grey limestone 79. Water at 79.
B1.5 Con IV 77 B1.5 Con IV 77 Con VII 21 Con VII 22 Con VII 23	D. Brown H. Young Allerd Const. D. Bidge W. Tautz	F. Ince W. Packhom G.J. Wallis E. Constable	May 17,1960 Apr.29,1963 Nov.28,1962 May 10,1961 May 2,1961	6666	8 20 1 6 10	70 80 47 20 35	30 35 9 20 30	Sulphur Fresh	D S	Lorm 3;blue clay 68; limestone 90. Water at 90. Clay 75; limestone 97. Water at 94. Light brown clay 17; grey clay 47; grey limestone 57. Water at 55. Topsoil 3; grey clay 35; blue muck 50; grevel 56. Water at 54. Topsoil 5; brown clay stones boulders 55; coorse gravel 60. Water at 55.
Con VII	N. Tipler R. Moses P. Ludford	W. Packham Cross Bros.	Jun.16,1960 Aug.15,1961 Apr.14,1962	6	1 25 1	68 50 64	32 35 30	Sulphur Fresh	ם	Brown clay 52; limestone 68. Water at 60. Clay 48; limestone 78; Water at 75. Topsoil 1; brown clay 30; grey clay 52; limestone 66, Water at 62.
Con VIII " 20	S. Mago	E. Constable	Jan.14,1961	6	15	25	25	•	מ	Dug well 25; soft blue clay 56; hardon 58; coarse gravel 59.
Con VIII " 20	T, Bagley	J.F. Wickett	Sep.18,1963	5	8	32	24		D	Brown clay 4; yellow clay 25; blue clay 35; grey limestone 40. Water at 39.
Con IX 23	D. Hurst	F. Ince	Mar. 29, 1963	6	15	25	20	•	D,S	Brown clay 33; shale 35. Water at 35.
Dundes Town Dundes Town	P. McMananay	HadcoWellDigging	Nov.14,1961	30	10	33	20	Fresh	D	Topsoil 1; brown cley 14; red send 24; gravel 25; grey clay 34. Water at 24.
Dundas Town	D. Paines	•	Nov.14,1961	27	8	30	20	•	D	Toosoil 1; brown clay 9; red sandy clay 14; sand 15; grey clay
Dundas Town	R. Palmer		Nov.15,1961	27	10	29	20	•	۵	rocks 25; red sandy clay 31. Water at 14. Topsoil 1; brown clay 11; red clay 19; gravel 23; red clay 30.
Dundas Town	K. Browne		Nov.15,1961	30	10	18	12		D	Water at 19. Topsoil 1; brown clay 6; red clay 12; grey clay 12; red shale 20.
Dundas Town	Johnson		Nov.15,1961	271	В	25	14	*	۵	Water at 18, Topsoil 1:prown clay 7; red clay 13; gravel 16; grey clay 25; red shale 26. Water at 13.
Dundas Town	K. Allen		Nov.16,1961	30	10	2.9	24	*	D	Tonsoil 1; brown clay 11; red clay 19; gravel rack 24; green
Dundes Town	M.T.Blok Const.		Apr. 5,1963	30	5	8	10		۵	clay 30. Water at 19. Topsoll 2; brown sand 4; brown clay 20; blue sand 30; blue clay
Dundas Town	*	•	Apr. 5,1963	30	4	7	10	•	D	40. Water at 39. Topsoil 2; brown sand 4; brown clay 25; brown clay gravel 29; blue clay 35. Water from 25 to 28.
East Flamborough Twp. Con III lot 1	C. Parker	J.B. Ruttan	Sep.16,1963	6	14	66	59	Fresh	פ	Brown clay 2; grey limestone 4°; blue dolomite 66; green shale 72; soft blue shale 74, Water at 66.
Con III 2 Con III 2 Con III 2	H. Kulinees A. Everret R. Moggach	S.W. Merritt	Jul.11,1960 Feb. 6,1963 Oct.24,1963	6	1분 석분 1	39 52 76	6 4 12	:	D S D	Sand gravel 16; rey limestone 39. Water at 22. Previously drilled 30; limestone 49; blue shale 52. Water at 28 Grey clay stones 8; limestone 75; red shale 76. Water from 40 to 60.

	WENTWORTH COU East Flambor		;. [								1	İ
	Con III Con III	lot 5	J. O'Brien Connons	B.0'Connor B. Butten	Nov.29,1960 Mar.17,1962	6	15 12	35 53	25 16	Fresh	D In	Blue clay 20; limestone 50. Water at 50. Sandy losm 11; broken limestone 14; grey limestone 53. Water
	Con III Con III Con III	# 8 # 8 # 8	Nurseries Cole Lumber C.J. Degiots Mathiss Investments	B. O*Connor	Dec.20,1960 Jan. 5,1960 Aug.26,1961	666	15 1 5	15 75 60	10 12 20		CDC	at 37. Sandy fill 6;sandy brown clay 13;limestone 35, Water at 35. Brown clay 17;limestone 75. Water at 75. Blue clay 12;limestone 60. Water at 60.
	Con III Con III Con III	* 8 * 8	J. Sharpe A. Elsworth D.Holomquist	F. Ince J.B. Ruttan	Aug.30,1961 May 17,1962 May 2, 1963	6 5 6	5 ₹₹	58 140	20 40	salty	G G	Grey clay 10; limestone 60. Water at 58. Brown clay 6; stony clay 120; grey shale 140. Water at 135. Clay 7; sand 8; limestone 29; blue shale 39; red shale 41. Dry
	Con III Con III Con III	* 8 * 8	Davis Const. Turkstra Lumber Co.	W. Packham Cross Bros.	May 3,1963 Jul.22,1963 Jan.11,1960	6 8 6	35 30 5	36 25 10	6½ 22 8	Fresh	Д Д Д	hole. Clay 8; limestone 29; blue shale 36. Water at 21. Clay 24; hordoan 27; shale 30; limestone 50. Water at 38. Brown clay 10; fine sand boulders 15; limestone 20. Water at 20.
	Con III Con III	<b>"</b> 9	Dr.J. Smart	G.J. Wallis	Jan.16,1960 Mar.10,1962	6	5 3	10 45	8 20		D D	Brown clay 10; fine sand boulders 15; limestone 20. Water at 20. Brown soil 4; yellow limestone 18; grey limestone 23; bluish
	Con III	* 9	Kamstra Bros. Const.	*	Jun. 4,1962	6	1	65	26		D	limestone 52; red shale 55. Weter at 43 and 52. Light brown clay 12; grey clay 36; bluish white limestone 52; light blue rock 75. Water at 52 and 74.
	Con III	* 9	S. Zerebny	**	Jul.11,1962	6	30	25	9	**	D	light brown clay 8; grey clay 13½; grey limestone 35½. Water at 33.
-	Con III	** 9	Kamstra Bros. Const.	*	Jul.12,1962	6	4	36	23	79	D	Light brown clay 19; grey clay 31; grey limestone 46. Water at
463	Con III	* 9	H.Sutherland Bldg	*	Jul.27,1962	6	10	41	20	*	Д	Brown soil 3; white limestone ??; blue rock dark grey streaks 51. Water at 49.
	Con III	** 9	E, Schien	J.B. Buttan	Aug.30,1962	6	20	9	6	"	ם	Clay loam 3; clay 17; broken limestone 19; limestone 28. Water at 24.
	Con III	" 9	W.Black Estate	W. Packham	Sep.14,1962	6	₹2	103	50	***	D	Clay 50; limestone 75; streaks rock shale 85; grey shale 98; red shale 103. Water at 60.
	Con III Con III	* 9	"	n n	Oct.30,1962 Aug. 2,1963	6 8	₹.	150	46	Fresh	ם	Clay 45; limestone 85; grey shale 97; red shale 102. Dry hole. Clay 47; limestone grey shale 97; red shale 105; grey shale layers red shale 150; medium hard grey sandstone 155. Water at
	Con III Con III	" 10 " 10	E. Schien	J.B. Ruttan	Feb.20,1960 Feb.23,1960	6	2 1½	31 41	6 7	**	D D	55. Brown clay 9; limestone 31. Water at 15. Brown clay 7; broken limestone 11; grey limestone 41. Water at
	Con III Con III	* 10 * 10	J. McGuire Aldershot Plastering	B. O'Connor J.B. Buttan	Apr. 2,1960 Apr. 9,1960	6	3	65 46	12 6	*	D D	15. Blue clay 32;limestone 65. Water at 65. Clay loam 11;grey limestone 46. Water at 15 and 43.
	Con III	* 10	J.C. Daley	W. Packham	May 4. 1960	7	5	70	25	**	D	Brown clay 33; limestone 65; grey shale 75; red shale 78. Water from 55 to 65.
	Con III	<b>"</b> 10	Waterdown School Board	B. O'Connor	Jun. 1,1960	6	15	14	12	. "	P	Brown clay 6; limestone 60. Water at 58.
	Con III Con III	" 10 " 10	E. Allen Watson &Weight Builders	F. Ince	Aug. 7,1960 Aug.18,1960	6	5 1	47 120	10 40		D D	Brown clay 16; limestone 48. Water at 47. Brown clay 5; blue clay 21; limestone 50; blue shale red shale 90; grey shale 120. Water at 120.
	Con III Con III		P. Helder M. Wallace	W. Packham G.J. Wallis	Nov.24,1960 Feb.15,1961	6	8 <b>٢</b> 3	15 40	5 14	"	D D	Brown clay 16; limestone ??. Water at 25. Brown gravelly clay 12; yellow rock 20; white limestone 42; halve rock 51. Water at 41.
	Con III	* 10	Waterdown Pub. School Board	B. O'Connor	Mar.15,1961	6	8	45	12		P	Brown clay 5; limestone 55. Water at 50.
	Con III	* 10	H.A. McLean		Dec. 2,1961	6	5	50	7	"	D	Brown clay 4; limestone 55. Water at 50.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

Materland Ltd   St. Bonchar   Con IV	LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Con III 10 M. Parrow   Jun.29,1962 6 2 2 35 12	NTWORTH COUN	TY -cor	nt.		3.22								
Con III   10	. Flamboroug	h Two.	cont	P P	D 01.0		,	,	2.0			_	D
Con III	Con III	lot :	10	B. meddy	B. O'Connor		6				Fresh		Brown clay 15; limestone 45. Water at 42.
Con III	Con III				11		6		12		**		Brown clay filtnestone 40, water at 40.
Con IV   3   S.   Honchar   Cross Bros.   Cot.24,1963   6   2   35   12   8   5   70   22   8   5   8   15   7   22   8   5   8   15   7   22   8   5   8   15   7   22   8   5   8   15   7   22   8   5   8   15   8   15   8   15   8   15   8   15   8   15   8   15   8   15   8   15   8   15   8   15   8   15   8   15   15				Golfland	W. Packham	Jun.30,1960					W	P	Brown clay 6; grey shale 8; limestone 45. Water at 25 and 30.
Con IV	0 111					0			100		_	_	
Second   S	Con IV		13						35				Sondy lear 11: broken limestone 38, Water at 34.
On IV	-011 - 1		1		- I - GC Call	-an. 0,1701	0	1)	21	22		"	
Con IV	Con IV	"	3	P. Sandwell	S. Gill	Nov. 6,1963	6	2호	145	30		D	Clay stones 30; silt 110; sand 118; blue shale 135; red shale 1
On IV	Con TV	* )	. 1	R Shower	W Paalsham	Mam 21 1060	-	Je	60	1.5	н	D .	Water at 140 and 145.
Con IV		** 1	4		". ackiism		6						Sandy loam 15:broken limestone 23. Water et 21.
Con IV	Con IV	** 1	4		G.J. Wallis	Jul.26,1962	6			6		D	Brown sandy soil stones 7: yellowish limestone 26: grey
Naterdown   Nate	0 111		.		D II 0 C						_		limestone 35. Water at 34.
Con IV	con IV	. (	6		B. Huffman & Sons	Jan.17,1961	6	15	31	13		P	Clay 6; red sand 23; cearse sand 25; boulders 28; fine sand 33;
Con IV				-auerdown									
On IV	Con IV	*	7		B. O'Connor		6	1			76		Well bit 6; fine sandy clay 29; limestone 75. Water at 70.
Con IV "11 R. B. Hounsome Con IV "11 R. Poirier B. Haffman & Sons Dec.13,1960   12 75 35 2 " P Toposol sand 3;clay fired sand 28;limestone 50. Water at h8.   Con IV "11 R. Poirier W. Packham W. Packham Abr.16.1962   6 20 20 10 " D Clay loss fired sand 28;limestone 50. Water at h8.   Con IV "12 " " Nov.23,1961   6 15 40 25 " D Clay loss fired sand 45;grey clay grey clay fired	Con IV		7	K.Johnson		Aug. 9,1960	6	5	33	_33	-		Fine send gravel 33; limestone 50. Water at 50.
Con IV " 11 Town Waterdown B. Huffman & Son: Dec.13,1960 12 75 35 2 " Topsoll sand 3;clay fired send 23 stand are claimstone 99;blue shale 105; Water claimstone 99;blue shale 105; Water clay lorm 15;reddish brown sand 45;grey clay are claimstone 99;blue shale 105; Water at 53.  Con V " 1 E. Stemmler " Nov.23,1961 6 15 40 25 " Drown clay 12;sandy clay 30;red sand 45;gray clay 30; red sand 50;gray clay 30; red sand 45;gray clay 30; red sand 50;gray clay 30;	Con IV					Jul.13,1960		10	28				Fine sand gravel 22; limestone 38. Water at 38.
Con IV " 11 R. Poirier W. Packham Apr.16,1962 6 20 20 10 " D Clay loan 15; reddish brown sand 45; grey clay grey for IV " 12 " " Nov.23,1961 6 15 40 25 " D Clay loan 15; reddish brown sand 45; grey clay grey for IV " 1 E. Stemmler " Jul.20,1960 6 4 40 16 " D Shown clay 12; sandy clay 30; red sand 45; grey clay grey for II mestone 62. Water at 53.  Brown of II E. Stemmler " Jul.20,1960 6 4 40 16 " D Shown clay 12; sandy clay 30; red sand 45; grey clay grey clay for II mestone 62. Water at 50.  Story Clay 79; limestone 49. Water for Sep. 9,1963 6 22 70 7 D Shown clay 10; mestone 49. Water for V " 4 H. Sutherland Con V " 4 H. Sutherland Con V " 4 H. Sutherland Con V " 5 Waterland Con V " 6 Waterdown B. Huffman & Son Marker at 55 and Con V " 8 W. Packham Jun.30,1960 6 10 12 10 " D Toosoil 2; fine sand boulders 37; grey shale 40. W Aug. 9,1962 6 20 25 17 D Toosoil 2; fine sand boulders 37; grey shale 40. W Torown sandy gravel 10; gravel language to 15; how a for the sand boulder is 15; how a for the sand boulder is 15; how a for the sand boulder is 15; how a for the sand boulder is 15; how a for the sand boulder is 15; how a for the sand boulder is 15; how a for the sand boulder is 15; how a for the sand boulder is 15; how a for the sand boulder is 15; how a for the sand boulder is 15; how a for the sand sand a for the sand sand a for the sand boulder is 15; how a for the sand sand a for the sand sand a for the sand sand a for the sand sand a for the sand sand a for the sand sand sand a for the sand sand sand a for the sand sand sand a for the sand sand sand a for the sand sand a for the sand sand sand a for the sand sand sand a for the sand sand sand sand a for the sand sand sand sand sand sand sand sand	Con IV		11	Town Waterdown	B. Huffman & Sons	Dec. 13, 1960	12		35				Topsoil sand 3:clay 8:red sand 23*:stony grey clay 33*:
Con IV										_			limestone 99; blue shale 103; red shale 105. Water at 45.
Con IV	Con IV	" :	11	R. Poirier	W. Packham	Apr.16,1962	6	20	20	10	**	D	Clay loam 15; reddish brown sand 45; grey clay gravel 53; rock
Con V	Con IV		12			Nov. 23 1061	6	15	40	25		n	
Con V	555000		-	Decid Const				1.0	40	(3		_	limestone 62. Water at 60.
Con V	Con V						6						Stony clay 29; limestone 45. Water at 37.
Con V	Con V		3		G J Wollie		6	10	25				
Con V " 4 H. Sutherland Con V " 4 H. Sutherland Con V " 4 H. Sutherland Con V " 4 H. Sutherland Con V " 5 H. MacFhee Waterdown B. Huffman & Son B. Huffman & Son V " 8 H. Seebeck F. Ince Con V " 8 W. Chapman J.B. Buttan Dec.13,1960 6 10 20 25 17 T Brown sandty gravel loggravel sand boulders 15; ho dolumite 74; blue shale 77. Water at 42. Con V " 8 P. Eden B. O'Connor Con V " 8 R. McCammon W. Packham Jul.29,1962 6 10 20 8 " D Toosoil 2; fine sand boulders 37; gray shale 40. W Con V " 8 P. Eden B. O'Connor Sep.28,1962 6 15 14 14 " D From 10 Water at 42. Con V " 10 Waterdown B. Buffman & Sons Oct.24,1960 8 100 47 21 " P Toosoil 1; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 37; gray shale 40. W Toosoil 2; fine sand boulders 47. W Toosoil 2; fine sand boulders 47. W Toosoil 2; fine sand boulders 47. W Toosoil 2; fine sand boulders 45. W Toosoil 2; fine sand boulders 45. W Toosoil 2; fine sand boulders 47. W Toosoil 2; fine sand boulders 40. W Toosoil 2; fine sand boulders 47. W Toosoil 2; fine sand boulders 45. W Toosoil 2; fine sand boulders 45. W Toosoil 2; fine sand boulders 45. W Toosoil 2; fine sand boulders 45. W Toosoil 2; fine sand boulders 45. W Toosoil 2; fine sand boulders 45. W	SOII V	-	1	M. MOICON	G.G. Wallis	Sep. 9,190)	0	€ 5	70	/		"	limestone 22:blue limestone 80. Water at 55 and 28.
Con V	Con V				E. Constable						**		Topsoil 2: fine sand boulders 37: grev shale 40. Water at 39.
Con V				H. Sutherland	W D v								Topsoil 2; fine sand boulders 37; grey shale 40. Water at 39.
Con V		-				Mar 16 1962		45	25	17			Brown sendy gravel 10 gravel sand houlders 15 hard grave
Con V							10		1,0	-		1	dolomite 74:blue shale 77. Water at 43.
Con V	Con V	" 8	8	H. Seebeck	F. Ince	Oct. 4,1960	6+	10	50	25		D	Brown loam 3; blue stony clay 60; medium gravel 61. Water at
Con V	Con V	es 5	ρ	W Channen	J.B. Button	Dec 13 1060	6		117	16		n	
Con V	oon v		-	0.5 VOLUME DE L'ANDRE		Dec.17,1900		1	47	10		1	
Con V " 10 R. McCammon W. Packham Jul.29,1960 7 20 40 6 " In Sandy clay 25; sandy silt 58; shale 60; limestone 6 60.  Con V " 10 Waterdown B. Buffman & Sons Oct.24,1960 8 100 47 21 " P Toosoil 3; hard backed sand 23; red sand 33; silt 117; grey shale 120. Water from 52 to 117.  Con V " 10 D. Scott J.B. Buttan Oct.19,1962 6 10 42½ 36½ " In Red sand 39; grey clay 60; broken limestone 70; d r			8				6	15			7.50		Fine sand 39: limestone 42. Water at 42.
Con V " 10 R. NcCammon W. Packham Jul.29,1960 7 20 40 6 " In Sandy clay 25; sandy silt 58; shale 60; limestone 6 60.  Con V " 10 Waterdown B. Buffman & Sons Oct.24,1960 8 100 47 21 " P Tonsoil 3; hard backed sand 23 is it 17; grey shale 120. Water from 52 to 117.  Con V " 10 D. Scott J.B. Buttan Oct.19,1962 6 10 42 36 " In Red sand 39; grey clay 60; broken limestone 70; d r limestone 65 to 69.	Con V	" (	8	C. Kalyn	Cross Bros.	Aug. 7,1963	6	10	20	8		D	
Con V " 10 Waterdown B. Buffmen & Sons Oct.24,1960 8 100 47 21 " P Topsoil 3;hard backed sand 23%;red sand 33;silt 117;grey shale 120. Water from 52 to 117.  Con V " 10 D. Scott J.B. Buttan Oct.19,1962 6 10 42% 36% " In Red sand 39;grey clay 60;broken 120; Broken 120; B	Con V	n .	10	R. McCammon	W. Packham	Jn1.20.1060	2	20	Lo.	6		In	
Con V " 10 D. Scott J.B. Buttan Oct.19,1962 6 10 422 362 " In Red sand 39;grey clay 60;broken lirestone 70;d r limestone 94. Water from 65 to 69.							1	20	1.0				
Con V " 10 D. Scott J.B. Buttan Oct.19,1962 6 10 42 36 " In Red Sand 39; grey clay 60; broken limestone 70; dr	Con V	" 1	10	Waterdown	B. Buffman & Sons	Oct.24,1960	8	100	47	21	*	P	Topsoil 3; hard packed sand 231; red sand 33; silt 52; limeston
limestone 94. Water from 65 to 69.	Con V	п .	10	D. Soott	J. B. Button	Oat 10 1040	6	10	1,21	261		Te	
			10			-00.19,1902		10	428	202		-n	
Con V " 11 K. Bell   W. Packham   Aug.15,1960   7   20   30   17   "   In   Sandy clay 55; gravel clay 62; limestone 67. Water	Con V				W. Packham					17	**		Sandy clay 55; gravel clay 62; limestone 67. Water at 64.
Con V " 12 D. Drummond " Jul.21,1960 6 20 30 16 " D Sandy clay 50; sand gravel 55; shale 58; limestone 58.	Con V	" 1	12	D. Drummond	**			20	30	16		D	Sandy clay 50; sand gravel 55; shale 58; limestone 60. Water a

	ENTWORTH COUNT												
	E. Flamborough Con V	lot	1?	L. Butterwick	W. Packhen	Aug.30,1962	6	24	35	23	Fresh	D.	Dug well 20; sandy clay 35; grev clay 45; brown send 70; limestone 73. Water at 71.
	Con V Con V Con VI Con VI	*	13 13 2	N. Goodbroad V. Best G. Haverlag C. Haverlog	J.B. Auttan	May 31,1962 may 17,1963 Nov.23,1962 Oct.29,1963	6 6 5	15 25 10 1	50 45 57	27 30 12		D,S D D	Sandy clry 20; sand 66; shale 69. Water at 69. Sandy lo m 10; Sandy clay 86; limestone 91. Water at 89. Sand 19; rrey limestone 31. Water at 21 and 29. Brown clay 15; levered limestone 29; grey limestone 57. Water at 52.
	Con VI Con VI Con VI	*	3 7 8	R. Klodt E. Anderson K. Fralick	W. Packham G.J. Wellis	Oct.?1,1961 May 10,196? Sep.12,1961	6 6	10 8 30	11 25 30	7 10 Flows	:	In D	Sandy loam 13; limestone 29%. Water at 19 and 27. Sandy loam 20; sandy clay gravel 24. Water at 35. Brown sandy soil 4; grey clay gravel 31; fine sand gravel 50; grevel 51. Water at 30.
	Con VI Con VI	n	9	G. Roth B. Deon	Cross Bros.	Sep.25,1963 Sep.28,1963	6 6	10 10	35 35	22 25		D D	Sandy losm 5; fine sand h5; fine gravel h7. Water at 47. Sandy losm 4; fine sand h5; fine gravel 50; fine sand 60; coarse gravel 64. Water at 64.
	Con VI Con VI	n	11 11	J. Carey B. Carey	W. Packhem	May 14,1960 Jun.10,1963	6 6	20 10	30 30	5 18		D D	Cley form 34; limestone layers shale 45. Water at 40. Gravel cley 23; shaly rock 35; hard limestone 38. Water at 28 and 32.
	Con VI	*	12	G. Passmore	N.	Aug.28,1962	6	24	50	30		D	Sandy clay 25; soft grey clay 50; sand 75; limestone 79. Water at 76.
	Con VI Con VI	,	13 13	K. Vitrland Brodies Ltd.		Jun.11,1960 Jul.25,1960	6 6	20 20	10 15	4	"	D In	Sand loom 30; shale rock 35; limestone 37. Water at 35. Sandy clay 15; sand silt 35; shale 40; limestone 41. Water at
=	Con VI	ж	13	Aldershot Structurel Steel		Jun. 2,1962	6	24	10	8		In	Soft sandy clay 41; shale 43, Water at 42.
1	Con VII	*	7	B. Barber	*	Sep.27,1961	6	20	8	4	*	D	Loam gravel 5;gravel 11;grey shale 15;limestone 25. Water at
	Con VII Con VII Con VII	*	888	L. Thomoson R. Warwick C. Payne	B.O'Connor W. Packhem G.J. Wallis	Aug.29,1960 Nov.21,1960 Nov.22,1961	6	8 8 20	57 50 33	20 27 21	:	D D	Sand growel boulders 40; blue shale 57. Water at 57. Stony blue clay 52; soft limestone 69. Water at 65. Reddish brown sand 31; grey sandy clay 41; broken limestone
	Con VII	w	8	H. Vander Liek	J.B. Ruttan	May 17,1962	6	20	26	9		ם	gravel 43. Water at 42. 270 mm clay 15;grey clay 51;soft limestone 53;brown limestone 62. Water at 60.
	Con VII	ж	α		•	May 21,1962	6	20	26	9	*	D	Brown clay 15; grey clay 51; gravel clay 53; limestone 574.
	Con VII		8	Verhoven Const	*	Jul.27,1962	6	6	93	28	Sulphur	D	Brown clay 16; grey clay stones 77; black slate 93. Water at
	Con VII Con VII	*	8 9	C. Payne h.Glendenning	G.J. Wallis J.B. Buttan	Oct.30,1962 May 25,1961	6	12 2	14 82	11 22	Fresh	D D	Brown sand gravelly soil 15; grey limestone 24, Water at 22. Brown loam 16; grey clay gravel 65; sand clay 67; blue clay 69; blue limestone 92. Water at 804.
	Con VII	*	200	Verhoven Const	•	Jul. 9,1962	6	33	92	335	Sulphur	D	Brown clay 20; grey cley boulders 80; black rock 92. Water at 91.
	Con VII		9	•	•	Jul.12,196?	6	₹}		33	Fresh	N	Brown clay 18; grev clay small boulders 78; arey sand 79; grey clay gravel 86. Water from 78 to 79.
	Con VII	"	10	K. Rasmussen M. Fucella	Cross Bros. B. O'Connor	Aug. 22, 1963 May 17, 1961	6	10 15	40	15 2		D	Clay sand gravel 40; sand 52; fine gravel 57. Water at 57. Fine sand 11; quicksand 22; grey limestone 37. Water at 35.
	Con VIII	**	1	R. Waller	W. Packhem	Jul.29,1960	6	5	40	24		D	Stony sandy clay 37; limestone 50. Water at 42.
	Con VIII	**	3	D. Irwin		Apr.14,1962	6	7 24	55	15		S	Sandy lorm 15; sendy clay 23; limestone 60, Water at 55 and 60.
	Con VIII		4	W. Jennings J. Huismon		Oct. 2,1962 Jun. 7,1963	6	24 25	55 25 40	15 36		D D	Gravel clay stones 23; limestone 36, water at 33.
	Con VIII			4 mulacon	Cross Bros.	Jun. 22,1963	6	5	40	40		ם	Stony clay loom 40; reddish brown clay hardman stones 66; limestone 78. Water at 75. Sandy loom boulders 19; sand gravel 53; fine gravel 59. Water
	Con VIII		4	*	B.O' Connor	Jun.29,1963	6	8	10	2	•	D	The sand 12:fine gravel outc's and 20; coarse gravel 23. Water at 58.

	LOCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	ING	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
E. F1	RTH COU amborou												
Cont.	VIII	10	t 4	H.Huismann	J.B. Rutten	Nov.18,1963	6	10	50	46	Fresh	D	Gravel large boulders reddish clay 35;gravel small boulders
Con	VIII		4		•	Dec.16,1963	6	6	55	46		D	66%;grey limestone 77%, Water at 71.  Bed sand gravel small boulders 36;red gravel sand 60;brown gand gravel layered rock 63;grey limestone bedrock. Water
Con 1	VIII	*	4	M.A. McCartney	F. Ince	Dec.30,1963	6	6	60	41		D	from 60 to 63. Sandy clay 3; sandy clay boulders 62; fine gravel 63. Water at
Con 1			5	R.O. Gleworth	J.B. Butten	Oct. 5,1961	6	10	17	2		D	Sand gravel boulders 21; limestone 35. Water at 34.
Con Con	VIII		55556	R. Hewkins R. Poirier	B. O'Connor W. Packham	Nov. 1,1961 Jul.16,1963	6	15	6 20	6		D D	Fine sand 25; coarse gravel 29. Water at 29. Sandy loam 10; sand gravel 24; shale 29. Water at 29.
Con 1	VIII		5	M. Jonas	w acknam	Aug. 16, 1963	6	20	15	12		D	Sandy lorm 10; sand 17; sand gravel 22; gravel 24. water at 24.
Con	VIII	*	6	A. Marshall		Sep.19,1963	6	20	20	17		D	Sandy clay 10; sand gravel 25; gravel stones broken rock 30.
Con	VIII	*	7	Carlisle Hall	J.B. Rutten	Jan. 24,1961	6	10	13	3		F	Sandy losm 27; fine gravel 34; coarse gravel 35. Water at 13 and 35.
Con Con	AIII		7 7	G. Gleed T. Fetter	F. Ince J.E. Ruttan	May 20,1961 Jul. 8,1961	6	30 7	14 69	10 20	*	ם	Sand loam 3;gravelly clay 22;grey limestone 32. Water at 28. Sandy loam 20;sand gravel boulders 61;bluish limestone 69. Water at 45 and 63.
Con '	VIII	*	7	12 Mile Creek Conservation	•	Jun.11,1962	6	20	19	12	"	D	Sand 12; sand clay 36; limestone. Water at 39 and 41.
Con	VIII	(m)	7	Authority	•	Jun.14,1962	6	20	2	6		D	Fill 2;sand 24;sand clay 29;gravel 31;limestone 364. Water
Con	VIII		8	W. Gable		Aug.23,1961	6	10	37	32	*	Д	from 6 to 24 and from 29 to 31 and at 35.  Brown sandy losm boulders 29; fine gray gravel 36; gray clay 39; clay gravel 43; gray limestone 53; rad shale 54; gray limestone 55. Water from 53 to 54.
	VIII	M	9	A. Camin	W. Packham	Jul. 5,1960	6	10	20	14	*	D	Sandy clay gravel 19; solid limestone 29. Water at 24.
Con 1	VIII	75	9	S. Annasontini		Jul. 6,1960	6 6	10	20	14		D	Sandy gravel clay 1º houlders stone 26. Water at 26.
Con	VIII		10	H. Kennard R. Comin	W. Packham	Apr.19,1961 Aug.25,1961		20 30	23 12	10		D	Stony clay 12; shale limestone 15; limestone 23. Water at 20. Gravel loom 20; boulder stone 22; gravel. Water at 22.
	VIII	н	10		J.B. Ruttan	Aug. 27, 1962	7	6	27	6	**	D	Small boulders sand a; broken limestone 13; limestone 30.
Con 1		*	10	C. Rino	W. Packham	Aug.16,1963	6	20	29	16	**	D	Clay stones 10; shale 12; rock 44. Water at 12.
Con	VIII	**	13	R. Kruckberger	E. Constable	Jan.25,1960	6	5	8	2		D	Brown clay 3; red sand boulders 23; coarse gravel 25. Water at 24.
Con			13	J. Weir	J.B. Ruttan	Oct. 6,1960	6	8	17	6		C Q	Brown clay boulders 19;b'ue shale 22. Water at 20.
Con Con	AIII	ä	13 13		W. Packham J.B. Ruttan	Mar.27,1961 May 16,1963	6	20 18	18 7	8		C	Brown stone clay 22; shale 25. Water et 24. Grovel boulders 7; broken limestone 18; brown limestone 27.
Con	IX		3	R. Alderson	W. Packham	Jun. 1,1960	7	15	18	9		D	Water from 23 to 24. Sandy loam 20; sand 27; limestone 35. Water at 32.
Con			3	G. Weiss	G.J. Wallis	Dec.11,1962	7	5	24	Ź	"	۵	Brown sandy soil 9; grey clay sand gravel stones 22; grey limestone 34. Water at 33.
Con			3	J. Bland	W. Packham	Nov. 3,1963	6	30	35	22	:	D D	Sandy lorm 15; stony clay 47; rock 54. Water at 52.
Con		-		D. Fellows	J.B. Rutten	Jun. 28, 1960	6	8	25	18		_	Sand loom boulders 28; broken limestone 49%. Water from 3? to 49.
Con		-	5	W. Roussel		Feb.23,1963	6	10	25	15		D	Send gravel boulders 33; grey limestone 41. Water from 39 to 41.
Con			6	P.Vanderheyder	,	Apr. 2,1962	6	10	42	36		2	Dug well 35; red fine san' 40; grey sand 43; red fine sand 62; grey sand gravel 69. Water from 36 to 69.
Con	IX		7	G. Harris	*	Jun.19,1961	6	20	25	16	•	D	Sand boulders 12; broken limestone 15; grav limestone 36. Wate at 29 and 34.

	WENTWORTH COUNT E. Plamborough					1 1	1						
	Con IX Con IX	lot	7	W. McConnell J. Gray	P. Ince W. Packham	Feb.14,1963 Apr.14,1962	6	20 24	40 15	30	Fresh	D,s	Brown clay 6; sandy clay 60; limestone 63. Water at 62. Sandy loam 20; sandy clay gravel 30; coarse gravel 34. Water
	Con IX		8	C. Newell	•	Oct.17,1962	6	24	25	4		ם	at 34. Sandy clay 10; sand grovel stones grey sand clay 30; stones
	Con IX Con IX Con IX Con X	•	11 11 13	C. Hawkins F. Schafer Lambert Const.	Cross Bros. W. Packham J.B. Buttan	Jul. 4,1962 Jul. 6,1962 Aug.27,1962 Jul. 1,1960	6666	6 24 1p	20 20 16 11	8 10 8		D D D	coarse gravel 38. Water at 38. Tonsoil i;clay 4;shale 14;limestone 25. Water at 24. Tonsoil i;clay 4;shale 16;limestone 30. Stony clay 35;limestone 47. Water at 45. Sand loam 2;limestone 29. Water at 27.
	Con X Con X		6	Ltd. Dr.A.K.John- ston	W. Packham	Jul.16,1962 Nov.15,1962	6	10 24	30 70	10 60	:	P D	Soulder gravel clay loam 26; white limestone 35. Water at 27. Stony clay 40; gravel clay 59; limestone 96. Water at 93.
	Con X Con X Con X Con XI		8 10 13 7	H. Parkes G. Watson E.Voelmonn H. Parry	B. O'Connor W. Packham	May 25,1961 May 18,1962 Aug. 2,1962 Apr.17,1961	6 6 6	15 5 20 20	20 20 65 115	5 6 55 110	:	0000	Brown clay 5; limestone 30. Water at 30. Previously dug pit 6; limestone 30. Water from 15 to 20. Stony clay 35; limestone 100. Water at 45 and 95. Old dug well 27; stones clay 35; clay gravel 75; large boulder
	Con XII		3	A.Stoekner	J.B. Ruttan	Dec.14,1961	5	8	80	45		a	80; clay 90; grey limestone 144. Water at 142. Dug well 36; clay boulders 78; bedrock limestone 89. Water at
467	Con XII Con XII Con XII Con XII		4 6 7	E.Zaborowski S. Greco A. Page W. Korb	E. Pegg B. O'Connor W. Packhem	Jul. 6,1960 May 14,1962 Jun.24,1960 Sep.17,1961	5666	7 15 10 10	30 30 50 45	12 30 24 25	:	9000	81. Topsoil 1; boulders clay 14; limestone 43. Water at 24 and 41. Gravel boulders 58: Water at 58. Stony clay 26; limestone 70. Water at 65. Stony clay 2; broken limestone 10; solid limestone 52. Water at
	Con XII		10 11	S. Melko E. Bridle	Cross Bros. W. Packham	May 30,1960 Feb.1, 1960	6 7	5 20	15 15	10 9	:	D D	49. Sandy lorm 3%; limestone 34. Water at 30. Old dug well 8; grey stony clay 15; shale limestone 20. Water at 18.
	Con XIII		2	J. King	G.J. Wallis	Apr.27,1963	6	30	50	20	*	D,S	
	Con XIII		6	A.R. Hewins	W. Packham	Nov. 7,1963	6	10	120	60	* 1	D,S	
	Con XIV	•	6	G, Law	J.L. Ggaham	Oct. 2,1961	5	10	60	50		D,S	Dug well 40;dark brown limestone 73;dork grey limestone 90. Water at 65 and 90.
	Glanford Twp. Con I Con I Con I Con I Con I	lot	5 5 6	J. Smith G. Anilowski A. Alderson L. Hoy	Cross Bros. W. Scriven F. Ince Cross Bros. F. Ince	Sep.19,1960 Peb. 5,1960 Apr.25,1960 Apr.26,1960 Jan.30,1960	6666	1 5 3 5	110 70 53 50	90 47 25 20	Fresh	0000	Drilled well 96; limestone 115. Water at 113. Brown clay 10; blue clay 62; limestone 72. Water at 72. Blue clay 45; limestone 53. Water at 51. Brown clay 15; blue clay 45; outckeand 57; limestone 60. Water at 60. Blue clay 65; limestone 72. Water at 72.
	Con I Con I Con I Con I Con I Con I		9666666	# # # #		Feb. 6,1960 Jun. 6,1960 Jun. 8,1960 Jul. 1,1960 Sep.29,1960 Jun.26,1961	66666666666666666666666666666666666666	75594	68 72 60 64 74	30 30 30 29 30	:	000000	Blue clay 61; Imestone 68. Mater at 68. Blue clay 60; Ilmestone 80. Mater at 80. Clay 60; Ilmestone 67. Water at 67. Dug well 5; blue clay 48; Ilmestone 64. Water at 64. Blue clay 63; grey limestone 74. Water at 74. Basement 5; blue clay 69; grey limestone 80. Water at 80.
	Con I	•	6	G, Schlemmerl		Aug.14,1961 Aug.16,1961	6	25	50 66 45	30 30 30	Sulphur	۵	Drilled in basement 4; blue clay 59; grey limestone 66. Water at 64.  Brown clay 4; blue clay 61; grey shale 612. Water at 61.

L	OCATIO	N T		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	WATER	USE OF WATER*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NTWORTH lanford Con I Con I			nt.	G. Mbruulsema J. Topolski	F. Ince Cross Bros.	Oct.20,1961 Mar.30,1962	6	1 5	47 60	16 30	Fresh	D D	Brown clay 3; blue clay 38; limestone 47. Water at 47. Topsoil 1; brown clay 18; blue clay 40; quicks and 64; limestone
Con I		*	6	P. Demik	*	Dec.14,1962	6	2	78	30		D	75. Water at 73. Topsoil 1; brown clay 18; grey clay 30; quicks and 48; grey clay
Con I		*	6	A. Doidge S. Elzinga	P. Ince Cross Bros.	Peb.12,1963 Apr.29,1963	6	15 12	70 78	30 30		D D	65; limestone 79. Water at 74.  Brown clay 6; blue clay 46; grey rock 70. Water at 65.  Topsoil 1; brown clay 18; grey clay 32; quicks and 50; grey clay 66; limestone 80. Water at 76.
Con I			9 10	P. Daly R. Lawry	W.E. Scriven	May 8, 1961 Oct.20,1960	6	10 3	20 30	5 25	•	D D	Brown clay 20; quicksend 26; limestone 32. Water at 32. Topsoil 2; brown clay 25; blue clay 48; limestone 65. Water at 65.
Con I Con I Con I Con II			13 16 16 5	J. Elliott G. Mino L. Posonski E. Herbridge	Cross Bros. P. Ince E. Constable	Sep.26,1962 May 3, 1960 Jun.27,1963 May 7, 1960	6666	353	65 34 45	35 25 40 30	:	ם	Brown clay 15; blue clay 35; limestone 78. Water at 75. Brown clay 12; limestone 48. Water at 46. Brown clay 14; limestone 48. Water at 43. Topsoil 3; brown clay 30; fine sand 56; limestone 70. Water at 60.
Con II			5	P. Paquette	Cross Bros.	Oct.15,1960	6	5	30	15	Sulphur	מ	Brown clay 23; quicksand 40; blue clay 43; limestone 54. Water at 54.
Con II			5	Ward &Patmore Coal & Coke	W. Packham	Mar.15,1961	6	1	70	20	•	D	Grey clay 60; limestone 70. Water at 68.
Con II Con II Con II Con II Con II Con II Con II Con II Con II		*****	5556666	K. Best W. Keesler C.V. Smith T. Hammond K. Jojic H. Seebeck D, King A. Alderson	P. Ince Hadoo WellDigging F. Ince HadooWell Digging F. Ince	Jun.12,1961 Aug.29,1961 Aug.14,1963 Feb.13,1960 Oct. 1,1960 Jul. 6,1962 May 9, 1963	66 30 64 30 6	7 15 3 12 12 2	65 108 32 75 80 87 39	35 38 15 25 25 35 33	Presh	D D D D D D D In	Brown clay 3; blue clay 60; grey limestone 65. Water at 65. Brown clay 4; blue clay 66; grey limestone 108. Water at 100. Toosoil 3; clay 40. Water at 15 and 40.  Brown clay 2; blue clay 52; limestone 75. Water at 75. Brown loam 3; blue clay 55; grey limestone 60. Water at 80. Brown clay 6; blue clay 61; limestone 87. Water at 70. Topsoil 1; brown sandy clay 11; blue grey clay 32; blue sand rocks 33; blue sandy clay 40. Water at 32.  Dug in basement 5; blue clay 52; limestone 89. Water at 85.
Con II			7	R. Schotsman	W.E. Scriven	Aug.18,1960	6	3	55	35 15		D	Topsoil 2; brown clay 25; blue clay 50; limestone 75. Water at
Con II			7	H.H. McLesn	R.Embleton &Son	Nov.22,1960	6	21	81	32		D	Dark sandy loam 2; brown sandy loam 5; light brown sand 17; brown grey sand seams clay sand 28; fine sand mixture 52; broggey sand seams clay 58; blue clay stone 61; grey brown limestone 78; dark grey brown limestone 85. Water from 69 to 78; and from 78 to 81.
Con II Con II Con II			7 8 9	C. McDermont H. Seebeck P. Wiersma	P. Ince W.E. Scriven	Jun. 4,1963 Sep. 9,1963 Jul. 6,1960	6 6	15 10 3	90 75 25	40 40 15	Sulphur Fresh	D	Brown clay 6; blue clay 54; limestone 104. Water at 102. Brown clay 8; blue clay 48; rock 83. Water at 82. Topsoil 2; brown clay 12; blue clay 39; limestone 60. Water at 60.
con II			9	*		Jun.30,1960	6	3	25	15		D	Topsoil 2; brown clay 12; blue clay 42; limestone 56. Water at
Con II			9	•	•	Apr.24,1962	6	3	40	30	*	D	56. Toosoil 2;brown clay 25;blue clay 33;limestone 50. Water at
Con II		•	10	J. Senting	•	Jul. 8,1960	6	10	22	14	*	D	Topsoil 2; brown clay 18; blue clay 28; limestone 40. Water at 40.
Con II			10	J.D. Hladysh	•	Nov.25,1960	6	3	<b>6</b> 5	40	Sulphur	D	Topsoil 2; brown clay 15; blue clay 26; limestone 75. Water a
Con II Con II		*	10 10	J. Jurzsa T. Tibor	E. Constable W.E. Scriven	Jan.12,1961 Mar.13,1961	6	20 10	20 45	20 35	Fresh	D D	75. Brown clay 19; blue clay 23; limestone 71. Water at 70. Toosoil 2; brown clay 15; grey clay 25; limestone 71. Water at 71.
Con II			10	A. Elliott	•	Oct.19,1962	6	3	30	20		۵	Brown clay 15; blue clay 39; limestone 50. Water at 50.

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Con II	NTWCRTH				T"	ſ	I				. 1	. 1	1 1	
Con II	Con II				J. Battings	E. Constable	May 24,1962	6	3	22	20	Fresh	D	Topsoil 4; blue clay 40; coarse gravel 44; limestone 63. Water
Con	con II			10	J. Sabo	W.E. Scriven	Aug.10,1963	6	3	40	20		ם	Topsoil 2; brown clay 25; grey clay 39; limestone 70. Water at
Con II	Con II		**	11	J. Lewis	E. Constable	Jun. 4,1962	566	2	78	20	•	D.	
Con II	Con II		**	11	G. Weatherbie Starlite	Cross Bros.	Oct.22,1962	6	5 2	32 35 45	20	:	Q	Brown clay 15; blue clay 26; limestone 59. Water at 57. Brown clay 25; blue clay 41; limestone 54. Water at 53. Topsoil 1; brown clay 15; blue clay 26; limestone 50. Water at 45.
Con II	Con II		•	11		*	May 27,1963	6	3	70	8		D	Torsoil 1; brown clay 27; blue clay 44; limestone 75. Water at
Con II	Con II		•	11	G. Weatherbie	W.E. Scriven	Dec. 5,1963	6	3	45	32	*	D	Topsoil ?;brown clay 1?;grey clay 26;limestone 71. Water at
Con II	Con II		•	14	L. Kosino	E. Constable	Jun.18,1960	6	15	20	20		D,S	Topsoil 3;brown clay 20;blue clay stones 56;limestone 65.
Con II	Con II		*	14	T. Tadeuzow	W.E. Scriven	Jun. 4,1962	6	3	35	28	•	Q	Topsoil 4; brown clay 25; blue clay 40; limestone 44. Water at
Con II					E.Thengermuhle D. Law		Jun.13,1960	6		50	20 15	:		Topsoil 6; brown clay 58; hardown 60; Water at 60. Topsoil 2; brown clay 22; blue clay 37; limestone 44. Water at
Con II	Con II Con II Con II			15 15 16	M. McRoberts H. Robinson B. Griffiths Bartolini	S. Gill W. E.Scriven Cross Bros.	Jen. 9,1961 Feb. 7,1961 Nov.14,1961	76666	7	14 35 35 45 25	27 25 31		D D	Drilled well 30;grey limestone 40. Mater at 38. Brown clay 4;blue clay 32;limestone 61. Water at 61. Tonsoil 1;brown clay 18;blue clay 27;limestone 32. Water at
Con III	Con II	I	•	16	S. Schoemon E. Kuthe	F. Ince E. Constable	Aug.18,1962 Mey 23,1963 Aug. 4,1960	6	2	69	20	:	D	Brown clay 6;blu= cloy 26;limestone 60. Water at 58. Topsoil 5;blue clay boulders Wo;llmestone 87. Water at 85. Brown clay 30;quicksend 90;send gravel 108;limestone 139.
Con III	Con III	I		1	J. Petrie		Sep. 6,1961	6	5	40	24	•	a	Topsoil 2; brown cley 30; ouicksend 45; blue clay 65; limestone
Con III	Con III	I	×	1	H. Blaney	F. Ince	Oct.21,1963	6	20	137	40		D	Brown clay 8; sandy clay 80; blue clay 97; limestone 137. Water
Con III	Con III	1		- 1	Mt.Hone Golf	Had co Well Digging	Apr. 7,1962	30	2	53	34	•	D	Topsoil 1; brown clay 17; blue grey sand 22; blue clay 35; blue
Con III	Con III	I	•	5	-14g -14.	Cross Bros.	Jul.22,1963	6	15	90	10	*	Ir	Topsoil 1:brown clay 23:blue clay 40:outcksand 49:blue clay
Con III				6				6	3		30 40	:		Loam 3; blue clay 64; limestone 91. Water at 91. Topsoil 2; brown clay 40; blue clay 59; limestone 93. Water at
Con III	Con III	I		6	H. Seebeck	•	Nov. 26, 1962	6	15	106	30	:	D	Brown clay 8;grey clay 77;limestone 80. Water at 772. Brown clay 6;blue clay 60;limestone 106. Water at 75. Topsoil 2;brown clay 30;grey clay 56;limestone 90. Water at
	Con III Con III Con III	I I I	:	7 7 7	C. Zildytis P. Vaitkus I. Zbosnik	F. Ince W. Packham F. Ince	Sep.26,1960 May 14,1962 Jul. 8,1963	6666	25	77 100 50	8		D	Blue clay 52; shale 54; grey limestone 95. Water at 65. Brown loam 3; blue clay 67; grey limestone 77. Water at 77.

Con III	T(	OCAT	ION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
On III														
On III					L. Dorr	W.E. Scriver	Aug.29,1963	6	5	35	30	Fresh	D	Topsoil 2; brown clay 20; grey clay 60; limestone 68. Water at
On III	Con III			7	S. Elzinger	Cross Bros.	Oct.18,1963	6	3	72	18		D	Topsoil 1; brown clay 31; blue clay 42; fine sand 56; blue clay
Con III	Con III	1		7	P. Holtrop		Nov.19,1963	6	2	85	18		D	Topsoil 1; brown clay 28; blue clay 45; quicksand 62; limestone
Con III	Con III			10	C. Gladysz		May 1, 1963	6	8	28	20	*	D	Topsoil 1; brown clay 15; grey clay 32; limestone 35. Water at
CON III	Con III		m	11	W. Kuitshenho	W.E. Scriven	Nov. 3,1962	6	3	35	25		D	
Con IV	Con III		***				Nov.14,1963	6	ì	72	16			
On IV							Apr.20,1961		5	18	15			
On IV				-			Jun. 28, 1962		15	95	60			
On IV							Jul 12 1060		1/4	081	25			
On IV * 5	Con IV			)	A. Vacous	4.0	041.12,1700	"		702	))		_	
On IV	Con IV			5	W.E. Finch	HadcoWellDigging	Sep.30,1961	30	15	44	30	*	D	Topsoil 1; brown clay 18; blue sandy clay 38; blue coarse sand
On IV	Con IV		H	5	T.E. Mayberry	•	Oct.29,1963	30	2	48	35	•	D	Topsoil 2; brown clay 20; blue clay 35; blue sand 50. Water at
On IV	Con IV			5	A. Alderson	F. Ince	Dec. 7,1963	6	15	80	60	•	D	Drilled basement 4; brown clay 10; blue clay 103; limestone
Con IV			*	6		W. Packham			20		55	e Sulphur		Cistern 7; clay 108; shale 110; limestone 114. Water at 112.
On IV						F. Ince			8	110	70			
On IV									ž	120	80	TICSH		Brown clay 60; quicksand 85; blue clay 120; limestone 128.
Con IV	Con IV			7	L. Bradshaw	W. Packham	Jan.13,1961		1	150	29		D	
Con IV				-		H			24	45	35			
Con IV										95	30			
Con IV									20	90	55			
Con IV	Con IV			13	C. U'Hourke	E. Constable	May 4, 1960	0	15	25	20	-	ы	
Con IV	Con IV			15	M. Gowland	W. Packham	Nov.27,1962		24				D	
Con V	Con IV			16	E. Gowland	E. Constable	Aug.31,1960	6	15	12	10		D	
Con V						l				1.0		_		
Con V				10								07-2	٦	
Con V	con v			3	n. Pearce	w. Fackham	Jan. 29, 1960	1 1	7	/3	29	Sulphul	3	
Con V	Con V			3	W. Benedict	F. Merritt	Nov.22,1962	6	13	75	30		D,S	
Con V				5			Jan. 8,1960	6	5	72	62	Fresh		
Con V				5					2	101	30			
Dekker   Con V   5				5		Cross Bros.				50	40	"		
Con V	Con V		-	5		-	Sep. 2,1960	•	)	80	60		ע	
Con V " 5 P. Wiersma W. Scriven Aug. 9,1962 6 10 75 70 " D Water at 102.  Con V " 5 A. Alderson Con V " 5 S. Smith W. Packham Sep. 24,1962 6 24 70 60 " D Light brown clay 20;grey clay 100;limestone 98. Water at 94.  Con V " 5 A. Alderson F. Ince Sep. 24,1962 6 24 70 60 " D Light brown clay 20;grey clay 100;limestone 104. Water at Con V " 5 Lee's Cross Bros. Jun. 28,1963 6 10 85 40 Sulphur C Gravel 1;brown clay 18;blue clay 46;quicksand 60;blue clay	Con V			5		W. Packham	Oct. 6.1960	6	10	35	28		D	
Con V			•	5						86				Brown clay 20; blue clay 90; red shale 100; coarse gravel 104.
Con V " 5 A. Alderson F. Ince Sep. 4,1962 6 3 98 30 " D Dug in basement 5;blue clay 79;limestone 98. Water at 94.  Con V " 5 S. Smith W. Packham Sep. 24,1962 6 24 70 60 " D Light brown clay 20;grey clay 100;limestone 104. Water at Con V " 5 A. Alderson F. Ince Oct. 15,1962 6 8 80 35 " D Brown clay 6;blue clay 8;limestone 96. *ater at 94.  Con V " 5 Lee's Cross Bros. Jun. 28,1963 6 10 85 40 Sulphur C Gravel 1;brown clay 18;blue clay 46;quicksand 60;blue clay	Con V		*	5	P. Wiersma	W. Scriven	Aug. 9,1962	6	10	75	70	•	D	Topsoil 4; brown clay 50; blue clay 105; coarse gravel 107.
Con V " 5 A. Alderson F. Ince Oct.15,1962 6 8 80 35 " D Brown clay 6; blue clay 82; limestone 96. Mater at 94.  Con V " 5 Lee's Cross Bros. Jun.28,1963 6 10 85 40 Sulphur C Gravel 1; brown clay 18; blue clay 46; quicks and 60; blue clay	Con V			5	A. Alderson	F. Ince	Sep. 4.1962	6	₹	98	30		D	
Con V " 5 A. Alderson F. Ince Oct.15,1962 6 8 80 35 " D Brown clay 6; blue clay 82; limestone 96. Mater at 94.  Con V " 5 Lee's Cross Bros. Jun.28,1963 6 10 85 40 Sulphur C Gravel 1; brown clay 18; blue clay 46; quicks and 60; blue clay				5					24	70	60			
Con V " 5   Lee's   Cross Bros.   Jun.28,1963 6   10   85   40   Sulphur   C   Gravel 1; brown clay 18; blue clay 46; quicksand 60; blue clay				5		F. Ince	Oct.15,1962	6	8	80	35	*		Brown clay 6; blue clay 82; limestone 96. water at 94.
Restaurant 110; limestone 112, Water at 112.	Con V		**	5		Cross Bros.	Jun.28,1963	6	10	85	40	Sulphur	C	

	TWORTH COUNT												*
G1	anford Twp. on V		1t.	0. Ashbaugh	Cross Bros.	Jul. 8,1963	6	10	80	40	Fresh	D	Topsoil 1; brown clay 20; blue clay 50; autoksend 68; blue clay
C	on ∇	*	6	A. Tweedle	W. Packham	Mar.25,1960	7	48	60	28		Q	103; limestone 105. Water at 105. Grey clay 90; silty clay 104; shale brown rock 108. Water at
C	on V on V on V	#	666	R. Killins J. Ferguson Stradwick <sup>B</sup> ros	F. Merritt F. Ince Cross Bros.	May 24,1960 Aug.24,1960 Oct. 4,1961	666	10 3 10	60 120 50	45 40 50	:	D D P	105. Clay 103; limestone 104. Water at 104. Brown clay 5; blue clay 118; grey shale 120. Water at 120. Toosoil 1; brown clay 26; blue clay 50; quicksand 80; blue clay
C	on V	*	6	*	n	May 7,1962	6	15	115	40	,,	Ir	110;limestone 112. Water at 112. Topsoil 1;brown clay 30;ouicksand 75;blue clay 113;limestone 124. Water at 122.
C	on V on V on V	**	6 7 10	E. Mayer J. Eldermon A. Alderson	E. Constable F. Merritt F. Ince	May 12,1962 Jun. 6,1963 Oct.19,1961	6 6	2 10 1	120 40 108	30 35 35	"	D D D	Brown clay 45; fine send 109; limestone 120. Water at 11P. Blue clay 113; hordban. Water at 113. Drilled in basement 5; blue clay 91; limestone 113. Water at 100.
C	on V on V	**	11 14	G. Jerome W. Beresh	W. Fackhem G.J. wallis	Jun.19,1962 Sep.29,1960	6	₹ 20	130 95	60 51	**	D D	Grey clay 90; limestone 130. Water at 112. Light brown clay 16; grey clay 103; broken rock sand 105; gravel
C	on ∨	**	14	A. B. Guyatt	Cross Bros.	Apr.26,1961	6	10	50	55		D	limestone. Water at 103. Torsoil 2; brown clay 28; quicksand 60; blue clay 105; fine
	on V on V	**	14 14	F. Debell G. Muis	F. Ince W.E. Scriven	Aug. 2,1961 Apr.18,1962	6	20 10	60 70	40 40	**	D D	send 110; coarse grevel 114. Water at 114. Brown cley ?; blue cley 90; grey shale 90\$. Water at 90. Topsoil 2; brown cley 45; blue cley 92; limestone 95. Water at
C	on V	m	14	H. Brave	E. Constable	Jul.17,1963	6	5	40	20	*	מ	95. Toosoil 5;blue clay 95;hordnen shale 108;limestone 115. Water 110.
000000000	on V on VI on VI on VI on VI on VI on VI on VI on VI on VI on VI on VI on VI	## ## ## ## ## ## ## ## ## ## ## ## ##	16 1 3 5 5 6 6 6 6 6 6 8 1 3	L. Monk B. Killins A. Alderson E. Snider G. DeRoo M. Scott W. Simbson W. Hind C. Zenne B. Bell Glanfore SchoolBoard	F. Ince F. Merritt F. Ince W. E. Scriven F. Ince W. Packham F. Ince W. Packham Cross Bros.	Jul. 3,1961 Nov.13,1962 Oct.11,1962 Mar. 4,1961 Aug. 5,1961 Aug. 3,1962 Jon. 30,1963 Jul. 30,1963 Nov.17,1960 Jun. 30,1963	666666666666	25 10 20 10 5 30 15 15 15 10	45 70 60 30 104 40 60 20 50 35	30 65 35 35 35 40 93 860	10 10 10 10 10 10 10 10 10 10 10 10 10 1	0,5000000000000000000000000000000000000	Brown clay 4; blue clay 53; grey shale 60. Water at 60. Blue clay 81; grey limestone 92. Water at 92. Brown clay 6; blue clay 82; limestone 88. Water at 86. Brown clay 20; blue clay 92; grey limestone 102. Water at 100. Brown clay 4; blue clay 96; grey limestone 104. Water at 102. Brown clay 10; blue clay 99; grey shale 100. Water at 100. Brown clay 6; blue clay 92; grey limestone 96. Water at 94. Clay 80; sand gravel 84. Water at 84. Brown clay 10; blue clay 102; gravel 103. Water at 103. Brown clay 10; blue clay 102; gravel 103. Water at 103. Brown clay 40; quicksand 100; sand gravel 112. Water at 110.
	on VI	"	16	E. Harley	W.E. Scriven	Jun. 3,1960	6	3	45	27		D	Topsoil 2;brown clay 30;blue clay 72;limestone 81. water at 81.
С	on VI on VI		16 16		Cross Bros	Jul.25,1960 Jun.26,1961	6	3	50 50	26	**	D	Brown clay 40; outcksend 65; limestone 70. Weter at 68. Tonsoil 1; brown clay 30; blue clay 56; quicksend 70; limestone 92. Weter at 80.
C	on VI on VI	10	16 16		S.w. Merritt W.E. Scriven	Jul.15,1961 Jul.22,1961	5	12 5	32 40	32 25	19	D	Grey clay 69; rock 73. Water at 73. Toosoil 2; brown clay 45; grey clay 76; limestone 95. Water at 85.
	on VI	11	16	G.Bertollo	Cross Bros	Sep.20,1962	6	3	90	50		D	Topsoil 1:brown clay 32:blue clay 64:guicksand 70:fine grayel
	on VI	н	16	A. Allison	•	Oct. 9,1962	6	5	65	38		D	75;limestone 95. Water at 92. Tonsoil 1;brown clay 31;blue clay 60;autoksand 70;limestone 73. Water at 73.
C	on VI on VI on VI	11 11		O. Richardson T. Clinton W. Curtis	G.J. Wallis W.E. Scriven	Dec.27,1962 Oct.10,1962 Jun.28,1963	666	6	66 55 45	32 30 35	**	D D D	Light brown clay 19; grey clay 75; fine gravel 76. Water at 75. Brown clay 50; blue clay 77; limestone 88. Water at 88. Tonsoil 2; brown clay 40; grey clay 77; limestone 89. Water at 89.
C	on VI		16	E. Korylt	n	Jul. 9,1963	6	4	50	35	н	D	Topsoil 2; brown clay 20; blue clay 71; limestone 81. Water at 81.

L	OCATI	ON 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ENTWORTH													
Glenford	Two.			7 2	M D	C 01 10/0		25	Jes	J.o	2d.	D	03 60-34
Con VI Con VII		10	t 16	E.w.R. Smith S. Teylor	W. Packham F. Ince	Sep.21,1963 Mar.29,1961	6	25 8	41 75	40 30	Fresh	D	Clay 69; limestone 75. Water at 72.  Brown loam 3; blue clay 72; grey limestone 75. Water at 75.
Con VII			i	C. Leyland	W. Packham	Oct.11,1961	6	2		30	**	D	Grey clay 85; limestone 95. Water at 93.
Con VII			2	J. Lerch	F. Ince	Jul. 9,1960	6	2 15 16	90 86	30 40		D	Brown clay 3; blue clay 80; limestone 86. Water at 86.
Con VII			5	J. Burbridge	S.W. Merritt	Sep.10,1960	6	16	20	16		D	Dug well 52; brown clay 65; dark limestone 68. water at 68.
Con VII		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		L. Gvore	J. Wickett	Jul.27,1963	5	20	35	33 22	Q., 1 - 1	D D	Yellow clay 20; blue clay 70; dirty gravel 83. water at 82.  Brown clay 62; shale 65; limestone 67. Water at 65.
Con VII			9	R. Laidman R. Smith	W. Packham F. Ince	Nov.18,1960 Sep. 5,1963	6	10 10	25 60	35	Sulphur	D	Brown clay 8; blue clay 64; rock 67. Water at 65.
Con VII				Germania Club	1. Ince	Jul. 8,1963	6		13	11	Fresh	P	Brown clay 6; blue clay 24; shale 26. Water at 25.
Con VII	I	**	3	J.S. Smith	G.J. Wellis	Feb. 12, 1963		15 10	75	30		D	Light brown clay 21:grey clay 77:grey clay 84; fine sand
										-	_		gravel 85. Water at 84.
Con VII	I		3			Nov.14,1963	6	18	75	38		D	Brown clay 22; grey clay 83; grey clay packed gravel 91; coars
Con VII	т		6	*	*	May 24,1962	6	12	51	26		D	sand fine gravel 92. Water at 91.  Brown clay 11:grey clay 50:gravelly grey clay 59:blue shale
GON VIII	1		0			may 24,1902		12	21	20			61. Water at 60.
Con VII	I	н	6	G. Deroo	F. Ince	Jun. 5,1963	6	15	40	30		D	Brown clay 6; blue clay 55; shale 57. Water at 56.
Con VII	I	*	8	R. Knox	E. Constable	Sep. 2,1963	6	15 5 5	45	30 25 30 45		D	Topsoil 5; blue clay 71; limestone 75. Water at 72.
Con VII	I	**	7	H. Melick	1.55	Jun.18,1963	6	5	40	30	- 2	D	Topsoil 5; brown clay boulders 60; limestone 65. Water at 62.
Con VII	1		12	J. Marchesand	Cress Brothers	Sep.14,1962	6	6	60	45		D.	Topsoil l;brown clay 19;blue clay 40;quicksand 70;blue clay 75;grayel 76. Water at 76.
Con VII	I		12	E. Molditz	w.E. Scriven	Sep. 6,1961	6	3	22	20		D	Topsoil 3; brown clay 35; grey clay 55; coarse gravel 57. Wate
						-00. 0,1/01		,	-				at 57.
Con VII	I	"	14	R. Walker	F. Ince	Apr. 21, 1961	6	50	40	15	Sulphur	D,S	Brown loam 3; blue shale 56; shale 58. Water at 50.
HAMILTO	N CIT	Y		P. Daly	Cross Brothers	Jan. 24, 1960		?	40	15	Fresh	D	Brown clay 10; limestone 50. Water at 45.
				G. Fevez	R. Embleton &Son	Jan.29,1960	6	5	49	23	"	D	Brown clay 5; grey brown clay stone 27; grey clay pebbles 33;
													blue clay 44; blue clay stones hardpan 45; grey limestone 53. Water from 49 to 51.
				F. Lehnert	Cross Brothers	Apr. 7,1960	6	5	24	20		D	Old well 20; limestone 32. Water at 32.
				F. Bohrer	1000	Apr.14,1960	6	5	24	21		D	Old well 22: Timestone 31. Water at 31.
н			ì	Dairy Queen		Apr.19,1960	6	5	30	14		C	Brown clay 7; limestone 35. Water at 34.
				C. Szoba	2 W	1 02 2060	_		10	10		D	Class 6-34
				C. Szoca	S.w. Merritt	Apr.23,1960	5	17	18	12			Clay 6; 11 mestone 25; granite mud 27; limestone 45. Water from 42 to 45.
				Supertest 011	Cross Brothers	Apr. 26,1960	6	5	30	27	Sulphur	C	Old well 20; limestone 40. Water at 39.
***				Co.							-	_	
			1	Can. Tire Corp	2 0	May 7,1960	6	5	24	20	Fresh	C D	Brown clay 9; limestone 31. Water at 30.
				L. Herbottle Mowhawk Garage	E. Constable Cross Brothers	May 12,1960 May 13,1960	6	5 3 3	30	10 25		C	Brown clay 3; blue clay 10; limestone 45. water at 25. Brown clay 9; limestone 45. water at 40.
				(Shell)	oross brothers	y 15,1900	0	,	200	25			brown clay 9; ilmescone 4). Water at 40.
				A. Kaytor	W.E. Scriven	May 26,1960	6	5	20	14		D	Brown clay 6; limestone 3%. Water at 3%.
				Paul's Auto		May 28,1960	6	3	20	14		D	Brown clay 6; limestone 3%. Water at 3%.
m				Body	Corner Bookless	Ton 01 1000		-	10	2.0		D	Brown alan 10-14-return Oh Water at Oh
				F. Menning Beaver 011	Cross Brothers	Jun.21,1960 Jun.24,1960		5	15	14	**	20	Brown clay 10; limestone ?4. Water at ?4. Brown clay 6; limestone 30. Water at 30.
				R. Toth	*	July 7,1960	6	5 5 5 5 3	40	20		D	Old well 50; limestone 60. Water at 60.
п				E.C. Dunbrack	w.E. Scriven	Jul.12,1960	6	5	18	15	н	D	Tonsoil 2; brown clay 13; limestone 3°. Water at 3°.
				W. Elliott	E. Constable	Aug. 18, 1960		3,	14	8		D	Brown clay 7; limestone 30. Water at 28.
				Bldg. Froducts Ltd.	G.J. Wallis	Aug.22,1960	6	31	87	6	Salty	N	Sand gravel 12; light brown clay 14; soft grey clay 51; hardon
				L. Dieleran	W. Packham	Aug. 23.1960	6	20	45	37	Fresh	۵	grey clay 62; grey clay 62; red shale 97. Water at 73 and 95 Clay 35; silty clay 83; limestone 88. Water at 85.
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Harn or	THE COLUMN										
	TH COUNTY - cont on City - cont.		E. Constable	Sent.7,1960	6 1	10	38 !	26	Frank I	p :	Old well 30; limestone 62. Water at 28 and 60.
TA COLLO	on orty - cont.	E. Cross	Cross Brothers	Sent.9.1960	6	5	38 60	40	Fresh	D	Old well 61; limestone 77. Water at 75.
		H. Davison		3en.17.1960	5	3	32	32	*	D	Old well 25; limestone 57. Water at 55.
	H	Asma Const.	W.E. Scriven	Sep. 27, 1960	566	3 5 5	30	20		נו	Topsoil 2; brown clay 7; limestone 49. Water at 48.
	H.	J. Vanderwel	Cross Brothers	Sep.29,1960	6	5	44	30	4	D	Brown clay 30; ouicksand 42; blue clay 50; medium gravel 54.
		17 11	9 5	0	,		2.2			D	Water at 54.
		H. Wilcox	R. Embleton &Son	Oct.12,1960	6	20	19	13		ט	Dark brown loam 1; brown clay small stones 3; light brown clay 7; grey yellow clay small pebbles stones 10; blue clay stones
											ll; grey limestone 35. Water from 29 to 31.
		A. Quinn	E. Constable	Nov. 2,1960	6	5	36	20	₩. (	D	Old well 35; limestone 48. Water at 46.
		W. Rudak	W.E. Scriven	Nov.16,1960	6	5 10 6	36 40	40	m	D	Old well 50; limestone 66. Water at 65.
	n	M. Vase	E. Constable	Nov.17,1960	6	6	50	35	*	D	Brown clay 6: limestone 75. Water from 55 to 75.
		w.E. wyatt	Cross Brothers	Nov.22,1960	6	5	50	40		D	Toosoil ?; brown clay 6; limestone 58. Water at 56.
		L. Bon		Dec. 3,1960	6	5 5 3	35 33	30		D	Topsoil 2; brown clay 29; ouicksand 30; gravel 45. water at 45.
		D.R. Gordon	R. Emhleton &Son	Dec.20,1960	6	3	33	12	Sulphur	D	Dark clay loam 2;dark brown clay large small stones 5;brown
				1							clay stone 8; grey clay small stones pebbles 13; blue clay
				1							small stones 16; loose shale 17½; solid grey limestone 39. Water from 29 to 34.
		G. Roth	Cross Brothers	Jan. 5,1961	6	5	50	40	*	D	Popsoil 2; brown clay 30; ouicksand 70; blue clay 76; limestone
				2,22		-	2.0				78. Water at 78.
	*	Royal Bank of		Jan.12,1961	6	5	60	60	Fresh	P	Brown clay 20; blue clay 30; ouicksand 30; limestome 71. Water
		Canada							22		et 70.
		T. Wilmot	w.E. Scriven	Jan.16,1961	6	5	30	28		D	Old well 45; limestome 63. Water at 63.
		J. Fezakas	Cross Brothers	Jan.18,1961	6	5	45	30		U	Topsoil 2; brown clay 30; nuicksand 44; grey limestone 51.
E-	n	F. Howarth		Feb.28,1961	6	2	30	20		۵	Water at 51. Old well 44; grey limestone 54. Water at 52.
5,		R. Doherty	G.J. Wallis	May 5.1961	6	3	371	10		ā	Brown clay carey clay 21; arey limestone 471. Water at 43.
-	•	D. Vallee	Cross Brothers	May 5,1961	6 6	3 2 3	371 42	32	н	Ď	Brown clay 25; limestone 69, water at 64.
		F. Fair	E. Constable	May 10,1961	6	3	36	20		D	Topsoil 3; brown sandy loam 15; blue clay 50; sand 75; blue
	store						400				shale 97. Water at 77.
		A. Alderson	F. Ince	Jun.26,1961	6	50	60	35		D	Old well 4; blue clay 65; grey limestone 83. Water at 83.
		A. Kovach	F. Ince	Jul. 5,1961		1	59	30 48		D D	Brown clay 4; blue clay 41; grey limestone 59. Water at 59.
		G. Bertollo	Allard Brothers	Jul. 5,1961	2	9		419		U	Brown clay gravel 35;grey sand 55;brown shale 92;grey shale 97. Water at 95.
		Christilew-	Cross Brothers	Jul.12,1961	6	3	30	15	Sulphur	D	Topsoil 2: brown clay 30: limestone 38. Water at 39.
		Gage-Wigle-	1000 2100.015	- 41.11,1701		-	,,,		-uranur	-	
		Millar									
	•	Demik Const.	*.E. Scriven	Jul.17,1961	6	3	38	20		In.	Topsoil 2; brown sand 4; limestone 48. water at 48.
	(N)	J. Topolski	Cross Brothers	Aug. 21, 1961	6	5	20	12	Fresh	C	Brown clay 6; limestone 31. Water at 30.
	ű	D.H. Matheson		Sep. 7,1961	66666	3554	40	20	Sulphur	ם	Topsoil 1; brown clay 16; limestone 58. Water at 50.
	н	R. Morrow L. White		Oct. 7,1961 Oct.16,1961	6	3	20 38	10 34	Fresh	D	Topsoil l; brown clay 5; limestone 31. Water at 30.  Brown clay 12; limestone 40. Water at 40.
		E. Blanche	W.E. Scriven	Oct.19,1961	6	3	45	30	ir i	Ď	Topsoil 2; brown clay 25; blue clay 33; limestone 62. Water
		S. Statione	ciiven	000.19,1901	Ü	,	- 70	,,,			at 62.
	M	H. House	G.J. Wallis	Oct.28,1961	6	1	59	27	*	ם	Brown sendy soil ?; light brown clay 14; grey clay 51; red
											clay red shale 55; red shale 69. Water at 67.
		Frankel Const.	w.E. Scriven	Oct.31,1961	6	10	20	20		D	Topsoil 2; brown clay 10; limestone 45. Water at 45.
		Z. Smith		Nov.21,1961	6	5	22	15 14	Sulphur	D	Brown clay 5; limestone 35. Water at 35.
		W.W. Bennett		Dec. 7,1961	6	3	18 18	14 14	Fresh	D D	Brown clay 8; limestone 21. Water at 20.
	<b>m</b>	Turkstrau	S. G111	Dec.16,1961	6	5	27	13	Sulphur	155	Brown clay 8; limestone 21. Water at 20. Old well 26; grey rock 43. Water at 41.
		Lumber Co.		Dec.20,1961	U	2	21	1)	Julionur	-	ATO METT SO WIEN LOCK 4) WASEL SO AT
		Crisenthweite	R. Embleton &Son	Dec. 20, 1961	6	30	28	26	Fresh	D	Old well 40:limestone 56. Water at 51.
	100	Const.					100-2				
	•	F. Mogridge	F. Ince	Dec.28,1961	6	3	76	20		D	Brown clay 3; blue clay 55; limestone 76. Water at 76.
		1							-		
				A THEOREM WITH THE PROPERTY AND		mar rangerer	وللمالة الاما				of walls were he found at the and of Amendia C

	CATION		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ENTWORTH Hamilton	City -	-cont.	K. Butkericins Const.	F, Ince	Feb. 9,1962	6	15	12	6	Fresh	D	Brown clay 5; blue clay ?3; limestone ?6. Water at 26.
*			R. Glover R. Shaver	Cross Brothers	Apr. 3,1962 Apr. 6,1962	6	8 5	20 50	15 30	Sulphur Fresh	D D	Topsoil 1; brown clay 12; limestone 39. Water at 39. Topsoil 2; brown clay 30; blue clay 3°; puicksand 56; limestone 50. Water at 50.
:				R.Embelton & Son	Apr.10,1962 Apr.17,1962	6	8 20	14 33	8 31		D D	59. Water at 59. Topsoil 1;brown clay 10;limestone 24. Water at 23. Brown clay loam 3;brown clay 7;brown grey clay 16;silty sand
•			In Theatre D. Van Heis	w.E. Scriven	Apr. 28,1962		5	35	32	*	D	48; grey clay sand 58; grey limestone 62. Water from 59 to 61. Topsoll 2; brown clay 25; blue clay 55; coarse gravel 57. Water at 57.
			U. Omesra A. Elliott	F. Ince w.E. Scriven	May 1,1962 Kay 4,1962	6	5	38 16	20 14	**	D	Brown clay 14; limestone 38. Water at 36. Topsoil 2; brown clay 15; grey clay 19; limestone 30. Water et 30.
			A. Alderson	F. Ince	May 19,1962	6	5	35 43	25 30		ם	Old well 5; blue clay 3°; limestone 45. water at 40.
			E. Cox J. Bergen	G.J. Wallis	Nay 21,1962 Jun. 6,1962	6	10 15	43 22	30 12	*	D	Brown clay 4; blue clay 50; grey limestone 57. mater at 53. Light brown clay 11; grey clay 20; grey limestone 322. Water et 323.
*					Jun. 7,1962	6	20	24	13		D	Light brown clay 9;gray clay 23;grey limestone 34. Water at
×			D. Hiscock	Cross Brothers	Jun.21,1962	6	5	65	40	**	Д	34. Tonsoil 2;brown clay 20;blue clay 35;ouicksand 43;limestone 75. Water at 23.
34			E. Goette		Jun.23,1962	6	5	60	40	Sulphur	D	Topsoil 1; brown clay 16; blue clay 40; nuicksand 65; blue clay 68; limestone 71. Water at 71.
			C. Almos	S. Gill	Jul. 7,1962	6	10	76	51	Fresh	۵	Brown clay 20; grey clay 60; fine sand 70; silt 76; grey rock
			J. Schotsman	*.E. Scriven	Aug. 6,1962	6	5	46	30		D	P6. Water at P0 and P4. Topsoll P:brown clay P5; blue clay P6; limestone 63. Water at 63.
**			A. Alderson	F. Ince	Aug.16,1962		5	50	30	**	D	Old well 5; blue clay 44; limestone 57. Water at 55.
			G. Levokovich	Cross Brothers	Oct.27,1962	6	5	35	25		D	Stone gravel 1; brown clay 0; limestone 30, water at 37. Brown clay 7; limestone 30, Water at 30.
			R. Horning L. Massel	W.E. Scriven Cross Brothers	Nov.13,1962 Nov.16,1962		5 3 6	35 25 45	9 30	×	D	Topsoil 1; brown clay 1°; outcksand 50; coarse gravel 54. Water at 54.
			A. Alderson	F. Ince	Jan.15,1963	6	1	73	25	,m	D	Old well 4; blue clay 46; grey rock 77. Water at 20.
			G. Roth	Cross Brothers	Jan.17,1963	6	10	40	25 25 10	,,	D	Brown clay 17; blue clay 49; limestone 60. Water at 59.
			N. Nikola W. Wiersma		Mer. 3,1963 Apr. 22,1963	6	10	70 70	20		D	Brown clay 8; limestone 27. Water at 25. Topsoil 1; brown clay 16; grey clay 32; quicksand 40; grey clay
а			G. Bertollo		Apr.24,1963	6	10	20	3	*	D	54; limestone 70. Water at 68. Topsoil 1; brown clay 16; limestone 31. Water at 29.
**			110		Apr. 25, 1963	6	10	20	3 14	**	D	Topsoil librown clay 12; limestone 25, water et 23.
"			B. Frior	F. Ince	Apr. 26, 1963	6	10	30	14	"	D	Brown clay 5; limestone 41. water at 40.
			R. Hendrie	E. Constable	Nay 6, 1963	6	5 16	30	15 40		D	Topsoil 4; brown clay 13; shale 15; limestone 50. water at 47.
			R. Reid R. Fletcher	S.W. Merritt W.L. Scriven	Esy 23.1963	6	3	50 35	28		D	Brown clay 7; limestone 75. water from 65 to 72. Toosoil 2; brown clay 9; limestone 50. water at 50.
			L. Marbottle	E. Constable	May 30,1963	6	3	15	10		D	Topsoil 4; blue clay stones 12; limestone 26. Water at 18.
*			G. Webb	F. Ince	Jul.16,1963	6	5	48	43		D	Brown clay 6; limestone 53. Water at 46.
•			A. Alderson		Jul. 24, 1963		15	35	25		D	Old well 5; blue clay 48; limestone 55. Water at 48.
n			0 2	W 6 0 .	Aug.14,1963		15	40	20		D	Old well 5; blue clay 39; rock 51. Water at 50.
ñ			C. Hogeveen Starlite Homes Ltd.	W.E. Scriven Cross Brothers	Aug.16,1963 Oct.10,1963		5	20 42	15 20	·	D	Topsoil 2; brown clay 13; limestone 30. Water at 30. Brown clay boulders 15; limestone 54. Water at 50.
н			•	*	Oct.15,1963	6	5	40	18		D	Brown clay boulders 11; limestone 40, *eter et 46.
н			L. Pks	W.E. Scriven	Oct 23 1963	6	3	38	30		D	Topsoil 2; brown clay 2; limestone 55, Water at 55.
			J. Miklos	Cross Brothers	Oct. 26, 1963	6	3	35	25 15	Sulphur	D	Brown clay 40; limestone 43. Water at 43.
			D. Quinn	W.E. Scriven	Nov. 6,1963	6	5	50	15		D	Topsoil 2; brown clay 2; limestone 36. Water at 36.

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		OUNTY -cont	·•									
	el tfleet ( BF BF	Lot 7	J. Dundzik J. Kemp	G.J. Wallis	Mey 9,1963 Nov.22,1960	5 6	1	37 78	12 10	Fresh	D D	Brown clay 15; blue clay 46; clay sand gravel 47. Water at 46. Grey clay 54; blue clay gravel 65; red clay gravel 79%; red shale 92%. Water at 86.
	Con I Con II	" 16 " 1	A. Groppo J.B. Puddicom		Dec.19,1960 Sep.10,1963	6 6	-tra-tra	40 50	15 11		D D	Smale 9/2. Water at co. Dug well 16; red clay 21; red shale 45. Water at 30. ded clay 15; red shale 53. Water at 22.
	Con II	* 17	Can. Petrofin		May 10,1961	7	6	45	15		С	Hard clay 11; red hardpan 22; red shale 42. Water at 42.
	Con II Con III Con III	" 17 " 2 " 6	G. Vesser J. Daber A. Brycenko	G.J. wellis F. Merritt A.E. Scriven	Jun.15,1962 Oct.19,1963 Jul.28,1961	6 5 6	12 10 3	23 50 50	8 36 33		מם	Red clay P; red clay red shale 14; red shale 33. Water at 31. Blue clay 35; grey limestone 59. Water at 52. Topsoil 2; brown clay 20; blue clay 33; limestone 72. Water at 72.
	Con III Con III Con III	" 9 " 12 " 14	M. Doyko S. Erzetic C. Moffat	S. Gill W.E. Scriven G.J. Wallis	Apr.18,1963 Jun.27,1961 May 17,1963	6 6	15 10 4	39 15 37	36 8 27		D D	Brown clay 14; blue clay 43; grey rock 51. Water at 50. Topsoil ?; brown clay 13; limestone 33. Water at 33. Brown topsoil broken limestone 3; grey limestone 47. Water at 45.
	Con III Con III	* 14 * 14	M. Glavinic P. Woods	S.w. Merritt G.J. Wellis	Jun.24,1963 Jul.25,1963	6 6	3	47	6 33		D D	Red clay 12; red shele 25. Weter at 16. Brown soil broken limestone 4; grey limestone 12; dark grey limestone 51. Water at 49.
	Con III	* 14	W. Bell	W	Aug.16,1963	6	2	55	36	•	D	Topsoil 2; grey limestone 52; dark blue limestone 65. Water at 30 and 63.
	Con IV	" 1 " 11	B. Lumley J. Swederski	F. Merritt G.J. Wellis	Nov.23,1960 Apr.30,1962	6 6	10 25	20 31	9 18		D,S D	
-	Con IV	* 14	J. Demers	n	Nov.30,1960	6	20	45	43	*	D	Light brown clay 14; grey clay 432; grey limestone 52. Water at 51.
4	Con IV Con IV Con IV	" 14 " 14 " 14	J. Gera T. Demers G. Mather	99 99 99	Oct.26,1961 Jan. 9,1962 Sep.25,1962	6 6	30 25 25	38 40 <del>1</del> 45	37 36 <del>1</del> 39	**	D S D	Brown clay 21;grey clay 40%;grey limestone 40°. Water at 47. Dug well 18;grey clay 44%;grey limestone 50%. Water at 49. Light brown clay 14;grey clay 40°;grey limestone 55. Water
	Con IV	* 14	Boden Bros.	м	Oct.30,1962	6	3 <del>3</del>	31	15		D	at 53.  Brown stony soil 2; grey limestone 41. Water at 29 and 39.
	Con IV	" 15 " 15	T. Paul	S. Gill G.J. Wellis	Apr.14,1960 Jun. 3,1960	6	4 30	22 46	15 40		D D	Brown clay 2; grey rock 42. Water at 25, 32 and 40. Light brown clay 20; grey clay 51; grey limestone 56. Water at 55.
	Con IV	" 15	A. Davis	п	Jun.13,1960	6	30	39	34	п	Ð	Light brown clay 14; grey clay 45; grey limestone 49. Water at 48.
	COV IV	" 16	G.H. Harris	R. Embleton &Son	Sep. 1,1962	6	20	40	38	•	D	Brown clay loam topsoil 2; brown clay 14; silty soft grey clay 19; blue clay sand 34; blue clay 42; blue clay small large stones 48; loose shaly limestone 50; grey limestone rock 58. Water from 52 to 56.
	Con IV	17 18	F. Lee G. Sinclair	F. Merritt G.J. Wallis	Jan. 5,1962 Jan. 21,1963	6	5	20 45	6 34		D D	Blue cley 12; grey rock 25. Water at 18. Brown topsoil 3; broken gravelly grey limestone 14; grey
	Con IV	* 18	Const.	•	Apr. 2,1963	6	2	99	44	*	s	limestone 55. Water at 53. Brown clay lliblue clay stones gravel 31; blue clay 49; grey
	Con IV Con IV Con IV Con IV Con IV Con IV	18 19 19 19 19 20	C.S. McDonald D. Grey G. Sinclair K. Page B. Grubisich	S. Gill R. Embleton &Son	Jul. 2,1963 Sep.12,1962 Sep.20,1962 Sep.22,1962 Jan. 6,1961 Jul.25,1960	666666	8 7 3½ 5 3 20	42 22 41 35 23 13	22 6 35 11 18 7	10 10 10 10 10	D D D D D	limestone 98; blue limestone 109. Water at 76 and 102. Brown soil 1; grey limestone 52. Water at 17 and 51. Brown soil 4; grey limestone 32. Water at 20 and 30. Light brown cley 3; grey limestone 51. Water at 32 and 48. Light brown soil 2; grey limestone 45. Water at 30 and 42. Brown clay 3; grey limestone 35. Water at 35. Dark clay loam 6; brown clay stones 14; loose brown shale 18; brown grey limestone gravel 22; very hard grey limestone 29. Water from 18 to 25.
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	LOCA:	TION	ï		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Sal	WORTH CO tfleet T a IV	WD.	+ 1		I, Lako	R. Embleton &Son	Apr.19,1963	6	4	31	12	Sulphur	D	Dark brown clay loam 1; brown clay 3; brown grey clay small stones 9; blue clay stone 13; grey limestone rock 34. Water
Co	n IV		**	26	A.S. Glover		Aug. 4,1962	8	1 2	26	11	Fresh	D	at 32. Dark loam topsoil l;brown clay loam 3;brown yellow clay 5;grey clay stone 7;mixture clay red clay 9;red shale rock
Co	n IV			26	<b></b>	H)	Jul. 9,1962	7	4	44	13	Salty	D	26. Water from 17 to 21.  Dark red shale 45;dark and light red shale 51. Water from 41 to 43.
Co	n V n V n V		*	2 14 14	D. Van Veen J. Murray W. Reilly	G.J. Wallis	Sep.14,1962 Jun.15,1960 May 16,1962	6	30 2 14	11 15 22	9 3 8	Fresh Sulphur Sulphur		Grey clay 10;grey limestone 21. Water at 18. Brown grey clay 5½;grey limestone 20. Water at 19. Light brown clay 8;grey clay 17½;grey limestone 32. Water at 31.
	n V		Ħ	19	N. Koschenow	R. Embleton &Son	Feb.17,1960	6	30	12	41/2	Fresh	D	Derk loam topsoil edark clay loam 1; brown clay small stones ledgerk light grey limestone rock 28. Water from 17 to 23.
<i>ওওও</i> ፊ	n V n V n VI n VI n VI		" " " " " " " " " " " " " " " " " " "	20 20 21 2 5 5	L. Smith A. Duncan R. Adams H. Wilson W. Oldfied T. Oldfied K. Cerekwicki	S.W. Merritt G.J. Wellis S.W. Merritt F. Merritt S.W. Merritt G.J. Wellis	May 24,1960 May 28,1960 May 26,1960 Jan.31,1961 Jan.14,1961 Jul.17,1962 Aug.15,1962	66656	8 7 14 10 7 12 30	48 26½ 20 35 22 16 19	30 23 9 30 16 15	Sulphur Fresh	0000000	Clay %; limestone 60. Water from 28 to 60. Grey clay 3; grey limestone 362. Water at 35. Clay 102; limestone 33. Water at 33. Brown clay 14; grey limestone 52. Water at 28 and 52. Grey oclay 13; limestone 32. Water at 32. Clay 12; limestone 31. Water from 22 to 29. Light brown clay 3; grey clay liggrey limestone 29. Water at 27.
30	n VI n VI n VI n VI		m m	56 g 8	V. Banton F. Yanda J. Fital B. VanKan	F. Merritt Cross Brothers Hadoo Well Digg- ing Ltd.	Aug. 23, 1962 Jun. 27, 1963 Oct. 6, 1960	6	4 <del>}</del> 8 5	40 20 30	36 14 20	Sulphur Fresh Sulphur	D	Light brown clay 10; grey limestone 50. Water at 48. Blue clay 14; grey limestone 25. Water at 24. Brown clay 18; limestone 3°. Water at 30. Topsoil 1; blue clay 15; brown clay gravel 18. Dry hole.
Co	n VI			10	J. Iwanczuk	G.J. Wallis	Sep.13,1962	6	20	17	13	Fresh	S	Light brown clay 11; broken gravelly limestone 13; grey limestone 23. Water at 21.
Co	n VI n VI		H	10 10	Z. Kasprzak		Sep.14,1962 Nov.19,1963	6 6	30 7	19 29	14 21	Sulphur	D S	Grey clay 20;grey limestone 29. Water at 27. Brown clay 2;grey clay 18; grey clay gravel 20;grey limestone
હહહ	n VI n VI n VI n VI n VI		# # # #	14 17 18 19	F. Horveth N.P. Lutyk R. Donur F. Heinrich W. Kremolowsk	Cross Brothers G.J. Wallis S. Gill S.W. Marritt R. Embleton &Son	Sep.12,1961 Nov.20,1963 Apr.25,1963 May 28,1960 Feb. 9,1961	6	3 9 15 6 12	35 25 25 26 26	28 9 15 26 24	Fresh Sulphur	0 20 00 00	39. Water at 37. Brown clay 19; limestone 38. Water at 38. Brown clay 19; grey limestone 35. Water at 33. Brown clay 14; grey rock 50. Water at 48. Clay 10; limestone 34. Water at 34. Black clay loam 1; brown clay loam 3; brown grey clay 5; grey clay stones 9; broken loose limestone 10; grey limestone
Co	n VI		*	20	E. Fichtner	•	Aug.14,1960	6	12	14	9	Fresh	۵	34. Water from 29 to 31. Dark loam topsoil 2;derk brown clay loam 4;brown grey clay 7;grey clay small stones 9;grey limestone rock 19;gr-y brown
Co	n VI		11	24	Speedway Trad	w.L. Field & Son	Feb.22,1962	7	20	100	30	Sulphur	P	limestone 25. Weter from 19 to 23.  Brown clay 10; blue clay 19; black rock 26; grey limestone 82; ge grey limestone 109; white limestone 120. Weter at 26, 82
<i>ওওওওও</i>	n VI n VI n VII n VII n VII n VII		11 10 10 10 10 11	26 31 31 3 17 19	R. Pelker L. Balsor H. Boyachuck J. Oldfield A. Wildemann T. Fenton W.E. Costello	F. Merritt E. Constable F. Merritt S. Gill F. Ince W.E. Scriven	Jan. 3,1961 Aug. 4,1960 Feb.21,1961 Jul.27,1960 Mar.26,1962 Dec.21,1961 Dec.15,1962	66556	10 10 1 5 15	60 8 27 20 53 30 28	45 30 10 12 35 20 15	Fresh	0 0 0 0 0	end 109. Brown clay 5;grey limestone 73. Water at 34 and 72. Brown clay 8;limestone 32. Water at 30. Brown clay 10;grey limestone 35. Water at 33. Clay 18;limestone 21. Water at 21. Old well 43;limestone 58. Water at 55. Brown clay 3;blue clay 36;gravel 38. Water at 38. Topsoil 2;brown clay 25;grey clay 36;coarse gravel 38. Water at 36.

	ENTWORT Saltfle				1			1		I				
	Con VI		lot		T. Piccioni	W.E. Scriven	Jun.18,1960	8	10	18	5	Sulphur	In	Topsoil 2; brown clay 15; gray clay 21; limestone 30. Water at 30.
	con VI	I	н	23	*	н	Sep. 9,1960	6	10	20	14	ж.	In	Topsoil 2; brown clay 13; blue clay 24; limestone 40. Mater at 40.
	Con VI	I		25	Abbots Ford Homes Ltd.	R. Embleton &Son	Jun.16,1960	6	30	11	4	Fresh	D	Brown clay 6; brown grey clay 11; grey blue clay pebbles 14; grey limestone 29. Water from 21 to 23.
	Con VI	I	н	25	Heringa Bros. Const.	*	Sep.24,1960	6	20	13	9	"	۵	Dark clay loam 1; brown clay 3; brown grey clay small stones 9; grey clay pebbles small stones 11; grey limestone 32. Water at 26.
	Con VI	I	н	25	Imperial Oil	Cross Brothers G.J. Wallis	Dec. 7,1960	6 6	10	25 16	20	Sulphur	C D	Brown clay ??:limestone 39. Water at 39.
	Con VI	I	н	25	W. Konlozy R. Fair	E. Constable	Nov.22,1962 Feb.25,1960	6	5	18	7	Fresh	D	Light brown clay 10; grey limestone 26. Water at 25. Brown clay 6; limestone 27. Water at 25.
	Con VI	I	н	28	D, Thompson	R. Embleton &Son	Jul.12,1961	5	20	17	12	н	D	Brown clay 1; grey limestone 14; grey brown limestone '1;
	Con VI	I	**	28	D. Thompson	"	May 28,1962	6	20	16	11		D	brown limestone 30. Water at 11 and from 19 to 23.  Brown clay ?;grey limestone 15;grey brown limestone 22;  brown limestone 31. Water at 12 and from 20 to 24.
	Con VI		#	6.0	E. Sunden	A.E. Scriven	Jan.25,1963	6	3 2½	30	12	. "	D	Brown clay 4; limestone 36. Water at 36.
	Con VI	1		29	Mount Albon Recreation Club	F. Ince	Jan.25,1960	6	2₽	59	25	Sulphur	P	Brown clay 2; blue clay 17; limestone 58. Water at 58.
	Con VI		n	30 30	J. Thomas E.K. Klein	R. Embleton &Son G.J. Wallis	Oct.17,1960 Dec.21,1962	6 6	30 30	14 15	11 9	Fresh Sulphur	D S	Brown clay 2; limestone 34. Water at 31. Brown soil stones 8; grey clay stones 14; grey limestone 32.
	Con VI	I		31	Circle "G"	*	Jun. 29,1960	6	< <del>1</del> 2	90	42	"	s	Water at 30. Grey clay 28; grey limestone 100. Water at 50.
2	Con VI	I	и	32	Rench B. Lambert	W.E. Scriven	May 25,1963	6	4	20	15	п	D	Topsoil 2;brown clay 22;blue clay 30;limestone 33. Water at 33.
	Con VI	II	99	3	L. Martin	F. Kerritt	Nov.25,1961	6	10	32	27	Fresh	D,S	Brown clay 30; gray rock 35. Water at 32 and 35.
	Con VI	II	11	5 16	J. Blaney T. Smit	*.E. Scriven	Oct. 7,1961 Oct. 7,1960	6	10	35 17	30 14	"	D D	Brown clay 34; grey rock 40. Water at 30. Topsoil 2; brown clay 15; blue clay 26; limestone 33. Water
	Con VI		"	16	W. Neumann	G.J. Wallis	Aug. 9,1962	6	25	45	34	**	D	at 33.  Light brown clay 16;grey clay 27;grey limestone 55. Weter
	Con VI	TT	n	17	Highland	R. Embleton &Son	Eay 20,1961	6	10	31	30		In	at 50.  Brown clay loam 3; brown clay stone 0; light brown grey clay
	9011 VI			1/	Packers	m. Danieton doon	y 20,1901	U	1.	21	)0		±n	19;grey blue soft clay 22;blue clay small stones 25;blue clay broken limestone 27;grey limestone 41;grey brown lime-
	Con VI	II	**	17	D. Palmieri	Cros- Brothers	Jul. 7,1961	6	5	26	20	20	D	stone 51. Water from 32 to 43. Topsoil 1; brown clay 26; auicksand 32; limestone 44. Mater
	Con VI	II	**	19	A.W. Hampson	G.J. Wallis	Sen.30,1960	6	3	313	18	*	D	et 44. Light brown clay 14;grey clay /tl;broken rock sand 41. Water at 41.
	Con VI	II	**	19	J. MacLean	F. Merritt	May 2,1963	5	10	25	20		D	Brown clay 3º:gray limestone 40. Water at 40.
	Con VI	II	98	21	R. Detar	G.J. Wallis	Jan. 2,1960	5	25	20	19	н	D	Light brown clay 18; grey clay 27; medium gravel sand 28.
	Con VI			21	J. Basso	W.E. Scriven	May 5,1960	6	3	20	13		D	Water from 27 to 28. Topsoil 2:brown clay 20;blue clay 31;coarse gravel 34. Water at 34.
	Con VI	II	11	21	R. McMamara	W. Packham	Nov. 26, 1960	6	10	25	19	"	D	Brown clay 34; shale 37. Water at 36.
	Con VI	II		23	D. Dorr	Cross Brothers	Jul.16,1960 Jul.20,1960	6	3	30 60	20	Sulphur	In N	Brown clay 40; limestone 43. Water at 42. Brown clay 40; limestone 86. Mater at 60.
	Con VI	II		23	O.L.A. School	R. Rmbleton &Son		6	3 18	19	17	Fresh	P	Dark clay loam 2; dark brown yellow clay 4; grey clay stones
				-										15; blue clay loose stones 19; shale loose limestone ?1; brown
	Con VI	II		24	A. Bartoszek	F. Merritt	Jul. 4,1961	6	10	15	6	**	s	limestone 43. Water from 28 to 34.  Brown clay 4:grey rock 29. Water at 27.
	Con VI	II	н	26 26	R. Fletcher	w.E. Scriven	Apr. 22, 1960	6	5	15 14	13		D	Brown clay 12:blue clay 16:limestone 28. Water at 28.
	Con VI	II		26	m .		Apr.23,1960	6	3	14	10		D	Topsoil 2; brown clay 14; blue clay 17; limestone 29. Water
									-					et 28.

ÈGCA	ATION 1	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH CO	OUNTY -cont.										State in humant are State as a serie
Saltfleet T Con VIII	Twp cont. lot 26	E. Croley	W.E. Scriven	May 31,1960	6	5	20	12	Fresh	ם	Topsoil 2;brown clay 17;blue clay 22;limestone 35. Water
Con VIII Con VIII	" 26 " 30	T. Paul Hannon Free Methodist	S. Gill S.W. Marritt	0ct.26,1962 Jul.28,1962	6	10 10	24 30	16 16	Sulphur Fresh	D P	at 35.  Grey clay 20; black rock 34. Water at 30.  Clay 18; limestone 50. Water at 45.
Con VIII Con VIII	" 31 " 32	Parsonage A. Reitsma R. Edney	W.E. Scriven R. Embleton &Son	Jun.11,1963 Jun.18,1961		3 20	30 25	22 11		ם	Topsoil 2; brown clay ll; limestone 42. Water at 42. Brown clay black fill 3; dark clay loam 5; light dark brown clay 8; grey limestone blue rock 22; light grey limestone
Con VIII Con VIII Con VIII	" 32 " 33 " 33	L. Nicholson R. Staples J. Vanspengen	E. Constable R. Embleton &Son	Aug.11,1961 May 17,1960 Sep.14,1960	6	30 3 40	24 20 18	24 12 13	*	900	34. Water from 16 to 23.  Brown clay 12;grey clay stones 1°; limestone 39. Water at 30.  Topsoil 3; blue clay 9; limestone 35. Water at 20.  Dark clay loam 2; brown clay 6; brown grey claysmall stones 11; grey limestone 37. Water from 32 to 34.
Waterdown	Village	W. Penhall L. Buchan	B. O'Connor G.J. Wallis	Aug. 2,1960 Jul.20,1962		1 25	70 40	18 36	Fresh	D Ir	Boulders clay 23; limestone 62; red shale 72. Water at 70. Brown sand 19; grey clay gravel 34; white grey limestone 54. Water at 49.
	_				N.						
West Flambo Con I	oro Twp	S. Vandermeu-	F. Ince	Feb. 5,1963	6	11	65	15	Fresh	D	Brown clay 6; sandy clay 27; grey rock 65. Water at 63.
con I	* 3	R, Frost	W. Packham	May 10,1961	6	15	80	28		D	Loam brown clay 30; silty gray clay 96; limestone 107. Water
Con I	* 4	A.&A. Lumber	E. Constable	Feb. 3,1960	6	3	94	20		D	et 104. Brown clay 13;quicks and 82; limestone 112. Water at 84.
Con I	<b>"</b> 4	N. Learitt	G.J. Wallis	May 25,1960	6	1	135	45		D	Reddish brown sandy soil 19; sandy grey clay 12; grey clay 49; red sand 68; hard grey clay 954; white limestone 145. Water
Con I	- 4	E. Crewson		Jun.22,1960	6	5	76	45		D	at 110. Red ish brown sandy clay 10;gray clay 44;red sand 53;grey
Con I	* 4	J. Alderson	R. Swayze	Aug. 22, 1961	6	4	100	48		D	clay gravel 70; light grey limastone 90. Water at 87. Clay stones 40; sandy clay 94; gray limestone 109. Water
Con I	• 4	N. Heines		Sept.4,1961	6	1	120	46	,,	D	at 106.  Grey brown clay 52; grey limestone 105; shale 110; grey lime-
Con I	* 5	W. Hollis	S. Gill	Nov.12,1962	6	7	135	120		D	stone 125; red shale 130. Water at 110. Brown clay 20: hive clay 40: clay sand 120: fine sand 158:
Con I	* 7	L.J. Murray	Cross Brothers	Dec. 1,1960	6	10	40	4σ		۵	red shale 160; blue shale 174. Water at 165 and 174. Torsoil 2; brown clay 24; quicksand 50; sand gravel 75; limestone
Con I	* 7	Zecchini Bros.	G.J. Wallis	Jun. 1,1961	6	20	24	5	**	ם	83. Water at 80. Light brown sandy soil 14; grey clay 32; broken limestone
Con I Con I	7 7	Const. J. McDermott A. Bradley	F. Ince Cross Brothers	Aug. 2,1962 Jun. 1,1963	6	10 5	45 45	25 30	:	ם	fine gravel 34. Weter *t 33.  Brown clay 4; blue clay 20; gray limestone 50. Weter at 49.  Sendy loam 17; brown clay 25; blue clay 50; fine gravel 55.
Con I	<b>.</b> 8	J. Bensick B. Crewson	F. Ince G.J. Wallis	Jun.11,1960 Jul.7,1960	6	1 <del>§</del> 15	40 56	10 50		ם	Water at 55. Losm 4; blue clay 27; limestone 40. Water at 40. Light brown sandy clay 42; gray clay 64; gravelly gray clay 70;
Con I	<b>"</b> 8	J. Bensick	F. Ince	Oct.18,1960	6	10	25	5		ם	fine comrse sand fine gravel ??;hard grey clay 821;limestone. Water from 70 to ??.  Brown loam 4;blue clay 33;grey shale 34. Water at 34.

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WENTWORTH (	DUNTY - con	•					1				
Con I Con I	Cont.	J. Bensick J. Moore	F. Ince G.J. Wallis	Cet.20,1960 Oct.25,1960	6	1	40 61 <del>}</del>	10 30	Fresh	D D	Brown losm 3; blue clay 36; grey limestone 40. Water at 40. Light brown clay 19; grey clay 41; gravel grey clay 558; gray
Con I	# O	K. Gunby	w.E. Scriven	Apr.19,1961	6	3	42	34		D	limestone 713. Water at 62. Topsoil 25brown sandy soil 32; blue clay 57; limestone 62. Water at 62.
Con I Con I	* 8 * 8	K. Heidt J. Bensick	F. Ince	Mey 2,1961 May 3,1961	6 6	1 2	100 34	50 8	"	D D	Brown loam 2; sandy clay 98; grey limestone 100. Water at 100.
Con I	m o	W. Knight	# D	Aug. 9,1961	6	25	35 50	25		D	Brown losm 3; blue clay 30; arey limestone 38. Water at 38. Brown clay 5; stony clay 56; grey limestone 58. Water at 57.
Con I	· O	H, Hubert	W.E. Scriven	Sep. 2,1961	5	3	50			D	Topsoil 2; brown clay 40; sandy soil 50; grey clay 90; limestone 101. Water at 101.
Con I Con I	* 8 * 8	G. Kuhnt L. Snetsinger	F. Ince	Sep.14,1961 Mar.22,1962	6	30	77	30 50		D	Brown clay 4; blue clay 45; grey limestone 77. Water at 70. Brown clay 4; stony blue clay 100; grey limestone 110. Water
Con I	<b>,</b> 8	L. Fiedler	"	Apr. 5,1962	6	7	60	35		D	at 105.  Brown clay 4; stony blue clay 67; grey shale 68; limestone 72.
Con I	. 8	J. Collins		Aug. 21, 1962	6	40	88	45		D	Water at 68.  Brown clay 6; blue clay 72; limestone RR. Water at 84.
Con I	* 8 * 8	K. Fritze P. Pickord	n n	Aug. 25, 1962 Aug. 27, 1962	6	8	70	50 30	11	D D	Brown clay 6; sendy clay 60; send 70. Water at 60.
Con I	* 2	D. Snedden	H	Dec. 6.1062	6	5	65 94	78		ă	Brown clay 4; blue clay 54; limestone 70. Water at 68. Brown clay 10; stony clay 87; limestone 98. Water at 87.
Con I	" @	H. Roehl		Apr.16,1963	6	15 8	20	15	н	D	Brown clay 10; stony blue clay 35. Water at 35.
Con I Con I	" 8	T. Merlino L.D. Kyles	S. G111	Apr.17,1963 Jun.27,1963	6	8	52 18	41 14		D D	Brown clay 6; blue clay 65; coarse gravel 66. Mater at 66.
Con I	" 8	J.C. Barthol-	9. 4111	Aug.16,1963	6	ŕ	90	70	Sulphur		Brown clay 9; limestone 25. Water at 20. Sandy clay 10; blue clay 70; silt gravel 90; coarse sand 9?.
Con I	<b>"</b> 9	F. Roos	F. Ince	Ner.25,1960	6	6	86	30 46	Fresh	D	Water at 92. Loam 3; blue clay 79; limestone 96. Water at 96.
Con I	<b>"</b> 9	J.F. Woods	G.J. Wallis	Mer.25,1960	6	9	73 <del>3</del>	46	,,	D	Light brown sandy clay 70; grey clay 51; clay send grevel 60; coarse gravel layers limestone 64; hard grey clay 90; grey
Con I	<b>"</b> 9	d. Wilson	Cross Brothers	Oct.20.1960	6	5	120	106		D	limestone 834. Water at 91. Brown clay 12; brown sand 60; quicksand 100; blue clay 116;
		11 47 1230-1240-12	Section and a second section and an arrangement of	1100 % 1100 \$ 1100 000		121	100.00	100	000	_	limestone 13°. Water at 130.
Con I Con I	" 9 " 10	J. Frost S. Novotny	S. Gill F. Ince	Feb, 10, 1961	6	10 6	105 26 36 58	70	"	D	Old well 102; brown limestone 115. Water at 110 and 114.
Con I	• 10	B. Bolan	S. Gill	Jun.13,1960 Jan.30,1962	5	10	36	20		D	Sandy clay 24; limestone 31. Water at 31.  Brown clay stones 11; brown rock 40. Water at 52.
Con I	" 10	J. Koller	F. Ince	Jun.16,1962	6	7	58	40	н	D	Brown clay 4:blue clay 51:limestone 52. Water at 56.
Con I	" 10	F. Marlatt	•	Jun.14,1963	6	8	96	76	"	D	Brown clay piblue clay 60; sandy clay of; limestone 92. Water at 91.
Con I	" 11	J.A.H. Simpson	w. Packham	Apr. 5,1962	6						Loam light brown clay 24; limestone shale 65; limestone °O. Dry hole.
Con I	11		*	Jul.13,1962	6	24 <b>(</b> }	15 100	12	Fresh	D	Clay 5; limestone 25. Water at 20.
Con I	" 17	L. Dyment	B. O'Connor	Sep.18,1960	6	⟨₹	100	55		D	Brown clay 2; blue clay 23; limestone 6°; red shale 100. Water at 100.
Con I	" 18	J. Gollob	Cross Brothers	Aug. 22, 1962	6	10	65	40	**	D	Tonsoil 1; brown clay 17; blue clay 21; limestone 72, water at 75.
Con I	18	S. Dalzotto	G.J. Wallis	Apr.13,1963	6	15	65	40	*	D	Brown clay 18; grey limestone 41; light blue limestone 60;
											dark blue rock 67; grey limestone 73; soft brown rock 82; blue shale 89; red shale 90. Water at 88.
Con I	" 18	M. Fraccarro		Apr.19,1963	6	6	74	38		D	Brown clay 12; grey clay 19; grey limestone 70; blue rock 87; red shale 88. Water at 86.
Con I	" 18	A. Bregcyuolo	н	Jur.18,1963	6	1	80	36		D	Light brown clay 12; grey clay 16; grey limestone 69; blue rock
Con I	18	P. Bianco		Jun.21,1963	6	33	×1	36	*	D	89; red shale 90. Water at 89. Brown clay 10; grey clay 16; grey limestone 73; blue rock 92;
											red shale 94. Water at 92.
70.00				1							

	LOCATIO			OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	RTH COUN'S												
Con	I		nt. 18	J. Bos	G.J. Wallis	Jun.25,1963	6	100	81	40	Fresh	D	Light brown clay 10; grey clay 20; grey limestone 74; blue rock
Con	II II	**	1	F. Reder A. Huettl	F. Ince	Jan.23,1961 May 17,1961		<b>₹</b> 1	50 128	18 45		D D	92; red shele 94. Water at 78. Dug well 20; grey clay 29; grey limestone 60. Water at 49. Brown sandy clay 6; red sandy clay 109; grey limestone 128.
Con	II		1	R. Nagle	W	Jul.20,1962		5	114	40		D	Water at 115. Brown clay 8; sandy clay 40; blue clay 104; grey limestone 114.
Con	II	**	1	*	Cross Brothers	Nov. 2,1962	6	3	115	60		D	Water at 112. Topsoil 1; sandy loam 48; grey clay 101; duicksand 108; limesto 119. Water at 115.
Con	II		5	Dundas Valley Food Products	W. Packham	Apr.25,1960	10	60	4	0	ě	In	Light brown loam 15; grey limestone 70. Water at 25 and 65.
Con	II		5	Domestic Cement & Const	s. Gill	Aug.12,1960	6	3	75	60	я	D	Brown clay 15; sandy clay 95; grey limestone 120. Water at 110 and 118.
Con			5	J. Bozyk	Cross Brothers	Dec. 7,1963	6	3	80	40	**	D	Topsoil 2; snady loam 15; brown clay 40; auicksand 96; blue clay 106; limestone 116. Water at 115.
Con		,	7	A.F. Thompson	R. Swayze	Nov.10,1961		7	130	72	Sulphur	D	Brown clay 30; brown clay stones 90; blue clay 109; grey limestone 133. Water at 130.
Con			8	H. Fercival	G.J. Wallis	Oct.13,1960		19	29	27	Fresh	D	Light reddish brown sandy soil 29; grey limestone 36. Water at 35.
Con		"	8	B. Hammink		Mar.17,1961		1	54	25		D	Brown sand soil 12; grey clay ??; grey limestone 64. Water at 47 and 62.
Con	II	**	8 8 8	R.C. Denman	S. G111	Jul.24,1961 Aug.17,1961	6	5 5	41 41	35 35 30	Sulphur	D D	Brown clay 1; grey rock 150. Water at 90. Brown clay 12; grey rock 106. Water at 25.
Con	II	**	Ω	D. Gee	F. Ince	Sep. 5,1961 Dec. 7,1961	6.2	18	32 80	30 35 23	Fresh	D D	Brown clay 2; grey rock 60. Water at 50.  Brown clay 4; blue clay 2º; limestone 90. Water at 72.
Con	II	11	8	B. Yearham W. Clarkson	S. Gill F. Ince	Jan.25,1962 Oct.10,1963	6 6	10 15	30	23		D D	Brown clay 4; blue clay 2º; limestone ºO. Water at 72. Old well 27; grey rock 60. Water at 55.
Con	II	11	8	E. Kush	J.A. Anderson	Dec.20.1963	5	3	30 60	25		D	Brown clay 7; sandy clay 25; limestone 37. Water at 35. Previously drilled 45; grey limestone 63. Water at 60.
Con	II	n	9	W. Nichalson	G.J. Wellis	May 30,1960		10	36	23	"	D	Black topsoil 1; redaish brown soil 4; redaish soil sand grave 15; redaish brown sandy soil 402; grey limestone 46. Water
$c_{on}$	II	n	9	P. Gasse	w	Sep.22,1961	6	2	54	18	*	D	at 45. Light brown sandy soil 9; packed sand gravelyellow clay 33; grey limestone 64. Weter at 48 and 62.
Con	II	**	9	G. Madden	m .	May 26,1962	6	양	23	12		D	Dug well 162; red sand gravel 242; grey limestone 33. Water at 31.
Con	II	"		J. Romkes	*	May 29,1962	6	25	29	14		D	Dug well 172; red sandy soil gravel 23; grey limestone 39.
Con	II	*	81 11	M. Mathewson	n	May 31,1962	6	15	18	12		D	Red sandy soil 18; red sand gravel 212; grey limestone 201. Water at 28.
Con			9	A. Boustead		Jun.13,1962	6	25	59	18 <del>1</del>	н	D	Dug well 21; brown sendy soil 28; grey limestone 39. Weter at 38.
Con		"		S. Petroski		0ct.31,1963		6	69	34		D	Reddish brown sandy soil 14; grey clay gravel 17; grey limestone 79. Water at 44 and 78.
Con		**	9	H. Unger	Cross Brothers	Oct.31,1963	6 6	5 7½	35	18		D	Topsoil 1:sandy loam 9:sand 28:limestone 42. Water at 40.
Con		**	10	W. Moser C. Hayes	G.J. Wallis S. Gill	Jan.28,1961 Mar. 4,1961	6	7ŧ	21	12 54		D D	Red sand gravel 18; broken limestone 28. Water at 27, Brown clay 10; coarse sand 53; grey rock 66. Water at 84.
Con	II	'n	10	A. Reuter	Cross Brothers	Nov.10,1962	6	10	59 42	35		D	Topsoil 1; sandy loam 10; sandy gravel 42; limestone 52. Water at 50.
Con		"	12	S. Arnold	G.J. Wallis	Aug.30,1960	6	18	261	10	*	D	Light brown clay 14; grey clay 26; grey clay sand gravel 31; grey limestone 36; Water at 34.
Con	II	**	12	D. Lyons	F. Ince	May 8,1961	6	20	30	15	**	D	Brown loam 4; blue clay 10; limestone 40. Water at 40.

	ENTWOATH COUN			t		1			1				
	West Flamboro	cò	nt.	L. Hicks	G.J. Wallis	May 29,1963	6	20	79	64	Fresh	ם	Brown sandy soil gravel 45; red sandy clay gravel 60; brown sand clay gravel 68; grey sandy clay 77; grey limestone 99.
	Con II Con II	"	14 14	K. O'Neill G. Montesanto	F. Ince	Jun. 3,1961 Jun. 7,1961	6	6 3	59 55	32 25	-	D D	Water at 87.  Brown clay 6; brown stony clay 61; limestone 64. Water at 64.  Brown clay 4; stony blue clay 46; blue limestone 55 Water at 55.
	Con II Con II Con II	"	14 15 16	A. Montesanto H. Simpson H. Smith	W. Packham G.J. Wallis	Jul.10,1962 Apr. 2,1962 Jul. 8,1960	666	3 24 61	63 15 22½	25 10 4	# #	D,S D D	Brown clay 4; blue clay 54; limestone 63. Water at 60.  Grey clay 27; limestone 31. Water at 29.  Derk brown soil 3; light brown clay 11; grey clay 19; grey clay
	Con II Con II Con II	# #	16 1° 19	G. Borer G. Bronigan Cliff's Taxi Co.	Allard Brothers W. Packham E. Constable	Dec. 5,1960 May 6,1960 May 26,1960	2 7 6	4 20 1	50 25 65	40 9 30	**	D S D	gravel 26;grey limestone 32%. Water at 30. Grey clay Roigrey shale 95. Water at 90. Brown clay 32;limestone 50. Water at 32. Dug well 22;blue clay 24;blue red shale 72. Water at 30.
	Con II Con II Con II Con II Con II	" "	19 21 21 21 21	A. Miller G. Sanders G. Magnusson W. Kohlberger	S. Gill Cross Brothers B. O'Connor G.J. wallis	Oct.15,1962 Nov.12,1960 Jul.25,1961 May 31,1962 Jan.11,1963	6 6 6	5 3 1 3 <sup>1</sup> / <sub>2</sub>	10 52 30 60 36	10 30 8 30 10	Salty Fresh	D D,S DD	Grey clay 15; sand clay 22; crey rock 42. Water at 46. Brown clay 23; limestone 57. Water at 55. Topsoil 1; brown clay 8; limestone 38. Water at 36. Loose grey shale 22; limestone 60. Water from 22 to 60. Light brown soil 3; grey limestone 35; blue limestone 46.
	Con II	н	21	n		Jan.12,1963	6	21/2	37	9	m	D	Water at 45. Light brown soil 34;grey limestone 34;blue limestone 47.
481	Con II Con II	"	22 22	H. Hicks W. Kohlberger	F. Ince G.J. Wallis	Jun. 6,1961 Jul.12,1963	6	1 2	49 85	19 30	11	D D	Water at 44. Brown clay 4; stony clay 24; grey shale 48. Water at 42. Topsoil broken limestone rocks 14; red shale 20; grey shale 30; blue shale 42; grey shale 91. Water at 29 and 80.
	Con II	310	23	B. Townsend	S. G111	Jul. 2,1962	6	1	35	30		D	Grey rock 35; blue shale 45; red shale 60; blue shale 90.
	Con II		23	B.VanderStoep	G.J. Wallis	Jan. 2,1963	6	2	70	31	•	D	Brown soil broken limestone 1; arey limestone 24; dark arey limestone 45; red shale 53; arey shale 80. Water at 76.
	Con II		23	H. Sutherland		Mar.28,1963	5	2	64	31	**	ם	Brown soil ligrey limestone 26;dark grey limestone 31;blue rock 50;red shale 60;grey shale 73. Water at 76.
	Con II		23	E. Gulin	Cross Brothers	Sep.13,1963	6	1	100	35		D	Tonsoil liloose stone clay 20; coarse sand 22; limestone 30; blue shale 48; red shale 60; blue shale 90; red shale 95; blue shale 110. Water at 95.
	Con II	**	24	H. Sutherland	G.J. Wellis	Mar.27,1961	6	9	71	28	**	D	Broken limestone 6:grey limestone 24:blue rock 40:red shale
	Con II Con II Con II Con II	# # #	25 25 25	R. Browhill J. Bensick E. Hobson J.T. Cowley	Allard Brothers F. Ince Allard Brothers B. O'Conner	May 12,1960 Jun.10,1960 Jul.22,1960 Oct.28,1961	2626	3	8 116 27	Flows 35	Fresh	ם ם	50; grey shale 91. Water at 80. Red clay 9; red limestone 39. Water at 38. Loam 3; blue clay 47; red shale 116. Water at 116. Grey sand 30; auicksand 40; red shale 250. Dry hole. Brown clay 9; limestone 30. Water at 30.
	Con II Con II Con II Con II		25 25 25 26	J. Brenyo L. dutton R. Gibbs	G.J. Wallis Cross Brothers Allard Brothers	Jan.25,1962 Jul.30,1962 Nov. 2,1963 Jun.23,1960	2666626	2 ( <del>1</del> 2 3	30 85 52	5 14 22	Salty	D	Brown clay 9;limestone 35. Water at 30. Light brown clay 19;grey clay 45;red shale 95. Water at 78. Brown clay 19;red shale 61. Water at 60. Red clay gravel 45;red shale 228. Drv hole.
	Con III	11	27 1	S. Melko M. Grightmire	G.J. Wallis B. Ruttan	Jun.25,1962 Nov.21,1963	6	9 NA	77 33₹	25 18½	Fresh	D D,S	Light brown clay 17;grey shale 46;red shale 87. Water at 80. Buff clay 6;hard arey limestone 26;light brown limestone 33%. Water at 22 and 30.
	Con III Con III Con III Con III Con III Con III Con III Con III	" "	4 7 7 7 8 9	J. Hyde R. Butherford H. VanDerLick D. Rutherford E.L. Mackie W.E. Mackie	Cross Brothers E. Pegg J.B. Ruttan Cross Brothers S. G111	Apr.15,1963 Sep.26,1960 Apr. 9,1961 Aug. 2,1963 Jul.31,1962 Jan.16,1961	6 5 6 6 6 6	3 10 12 3 10 6	90 40 15 55 81 47	20 20 3 12 41 32	Sulphur Fresh	5,S	

<sup>1,2.</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

Loc	CATION 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH West Flam	boro Two.	-	;									
Con III	cont lot l		L.K. O'Brien	S. Gill	Jun.16,1960	6	9	10	8	Fresh	D	Brown clay 14; grey clay 25; fine sand 45; grey rock 56. Water
Con III	* 1	3	*	*	0ct.1°,1960	6	5	13	9	*	D	Grey clay 25; fine sand clay 43; grey limestone 56. water
Con III	" 1	3	G. May	Cross Brothers	Jun.20,1961	6	6	30	8		D	at 52. Tospsoil 1; sand 20; auicksond 44; blue clay 51; limestone 56.
Con III	" 1	3	J.I. Oribine		Mar. 9,1962	6	6	30	12		D	Water at 55. Topsoil lisend 20; quicksand 42; blue clay 49; limestone 5?. Water at 52.
Con III Con III	" 1 " 1	3	R. Soeting F. Cooke	F. Ince Cross Brothers	May 4,1962 May 10,1962		5 5	40 35	8 12		D D	Brown clay 6; clay 39; reck 46. Water at 42. Topsoil 1; sand 2?; ouicksand 45; blue clay 49; limestone 57. Water at 55.
Con III	" 1	3	G. Keenan		Jul.10,1962	6	5	30	8	*	ם	Topsoil l;sand 20; quicksand 40; blue cley 46; limestone 50.
Con III	" 1	3	C. Lancoy	G.J. Wallis	Jan. 7,1963	6	30	30	17		D	Water at 50.  Brown sandy soil 17; grey clay 24; grey limestone 45. water at 43.
Con III	" 1	3	J. Bird		Jan. 9,1963	6	18	43	24		D	Brown sandy clay grey sandy clay http://arev limestone 53.
Con III	" 1	.3	A. VanDerKooy	d. Johnson	May 13,1960	36	4	15	10		٥	Water at 51.  Hard brown to Lay 6; hard sand 15; red shale 16; red sand 30.  Water from 15 to 30.
Con III	" 1	.3	A. Fitzell	w	Moy 1°,1963	36	3	30	18		D	Brown clay 4; blue clay 1°; silty sand 26; heavy clay 2°;
Con III Con III	" 1 " 1		P. Slote S. VanSchyndel	A.E. Scriven G.J. Wallis	Jul.25,1963 Sep. 3,1963	6	5 20	22 40	9 26	:	D D	stony clay 30. Water from 10 to 26. Toosoil 2;brown clay 15;sandy soil 35;grayel 30. Water at 37. Brown sandy soil 30;sandy grey clay 36;grey limestone 57. Water at 56.
Con III Con III	" 1 " 1		O. De Carlo J. Mazza	F. Ince W. Packham	Mar. 9,1962 Mar. 9,1960		20 15	60 35	25 14	:	D,S	
Con III Con III	: 1 1		K. Braun G. Weatherbie	F. Ince	Sep.22,1961 Mor.19,1962		15 20	45 77	40 19	:	D D	Brown clay 4; sandy clay 45; grey limestone 5°. Water at 50. Tousoil 2; dark sandy soil 50; fine grey sand clay 90; limestone 95. Water at 90.
Con III	" 1	Ω	R. Pairier	W. Fackham	Aug.27,1961	6	2 1/2	<sup>R</sup> O	12		D	Sandy loam 15; sand 55; sandy clay gravel 68; limestone °5.
Con III	" 1	ρ	J.R. Shaw	S. G111	Sep. 8,1961	6	2	32	28		D	Sandy clay 50; blue clay 75; fine sand 90; arey rock 96. water
Con III	" 1	.9	W.A. Krawczyk	G.J. wallis	Aug.27,1960	6	31	58	24	*	D	at 94. Light brown clay "; blue clay 42; sandy grey clay 50; red sandy clay 62; herd grey clay 67; fine sand gravel 6". water at 67.
Con III	" 1	.9	Starlite Homes Ltd.	Cross Brothers	Sep.17,1963	6	10	50	15		נו	Brown clay 30; autoksand 60; sand 62; fine gravel 65. Mater at 65.
Con III Con III Con III Con III Con IV Con IV Con IV	" ? " ? " ! " !	5 5	R. Channel L. Channel J. Sims R. Hill Corp. of West	W. Packham B. O'Connor J.B. Ruttan	May 3,1963 Sep.19,1963 Jul,10,1961 Jun.24,1963 Jul.13,1961 Oct.24,1961	6666	15 15 1 1 2	40 65 54 60 50 58	29 28 17 30 20 21	u u Sulphur	D,S D,S P P D	Clay 15; limestone 57. Water at 50 and 56. Clay 2; shale 6; limestone shale 70. Water at 45 and 67. Blue clay 25; arey limestone 50. Water at 2. Brwwn clay 25; limestone 60. Water from 30 to 60. Sandy loam 9; brown limestone 50. Water at 22. Dug well 4; sandy loam 7; brown limestone 5°. Water at 52.
Con IV Con IV Con IV	. 6 . 7 . 1		Flamboro Twp. R. Hetch J. May M. Sieeling	E. Pegg G.J. Wallis Cross Brothers G.J. Wallis	Aug.16,1961 Nov.1°,1961 Aug. 9,1960 Aug. 1,1962	6	10 <b>(</b> 1/2) 3 25	20 35 40 20	18 9 24 12	Fresh	P D D	Crushed stone fill #;limestone 40. water at 29. Brown tonsoil laggray white limestone 45. water at 39. Brown clay 4;limestone 49. Water at 44. Light brown sandy soil 8;grey clay 10;gray limestone 36. Water at 35.
Con IV	* 1	.3	County of	E. Constable	May 5,1961	6	10	50	15		D	Topsoil 4; brown clay 40; sand 59; limestone 90. Water at 79.
Con IV	" 1	5	Wentworth J. Buttenham	3.J. Wallis	Sep.21,1960	6	7	67	6	*	ם	Reddish brown sendy soil ll; vellowish sendy clay 40; arey clay 77; fine gravel 771. Water at 77.

	ENTWORTH CO West Flambo	re Two	·									
	Con IV	cont. lot 15	D. Wiskin	G.J. Wellis	Sep.24,1960	6	18	63	4	Fresh	D	Reddish brown sandy soil 32;grey clay 65;reddish sandy grey
	Con IV	<b>"</b> 15	C. Renes		Sep.27,1960	6	20	63	4	*	פ	clay 71; sand gravel 73. Water at 71.  Reddish brown sandy soil 31; sandy grey clay 67; reddish grey
	Con IV	" 15	F. Grecott		Oct. 8,1960	6	15	72	10	*	D	clay 71; sand gravel 73. Water at 71. Light brown sandy soil 34; sandy grey clay 46; red sand grey
	Con IV	" 15	A.R. Taylor	•	0ct.21,1960	6	20	60	14		D	clay 55; sandy grey clay al; clay sand gravel 82. Water at 81. Brown sandy soil 30; grey sandy clay 55; red sandy grey clay
	Con IV	" 15	E. Cole	•	Nav. 1,1960	6	20	60	6 <del>1</del>		D	70; grey clay 84; blucish grey clay 98. Water at 97. Reddish brown soil 25; sandy grey clay 60; reddish send grey
	Con IV	" 15	A. Finnamore		Nov. 3,1960	6	20	45	5	10	Д	clay 67;grey clay 74;fine send gravel 75. Water at 74.  Reddish brown sendy soil 30;grey clay 65;reddish send grey clay 69;grey clay 74;grey limestone 76. Water at 75%.
	Con IV	" 15	C. Claffon	*	Nov. 5,1960	6	\$0	68	9	"	D	Brown sandy soil 25; grey olay 74; brown grey limestone 77.
	Con IV	" 15	H. Sutherland Bldg	*	Jan.30,1961	6	10	74	10	100	D	Brown sandy soil 43; sand grey clay 74; hard grey gravelly clay 77; dark grey limestone 24. Water at 83.
	Con IV	" 15	B. Carey	*	Feb. 6,1961	6	20	75	28		ם	Grown sandy soil 40; sandy grey clay 70; red sand 74; sandy grey clay 76; dark grey limestone 96. Weter at 94.
	Con IV	" 15	A. Russel	•	Feb. 9,1961	6	16	85	15	"	D	Brown sandy soil 42; sendy grey clay 81; backed grey clay gravel 88; grey limestone 95. Water at 94.
	Con IV	" 15	A. Grower		Peb.21,1961	6	25	30	8		D	Brown sand soil 40; sendy grey clay 71; arey clay grevel 75; grey limestone 78. Water at 77.
3	Con IV	" 15	J. DeSaer	•	Feb.23,1961	6	25	20	5		D	Brown sandy clay 42; sandy grev clay 68; grev clay gravel 711; grey limestone 74. Water at 73.
	Con IV	" 15	H. Sutheralnd Bldg.	"	Apr.22,1961	6	20	60	28		D	Sandy grey claw 50; reddish sand 69; hard blue clay gravel 93; grey limestone 104. Water at 102.
	Con IV	" 15	ii .	"	May 2,1961	6	20	55	26	11	D	Sand grey clay 45; reddish sand 88; hard blue clay gravel 91; sand gravel 92. Water at 91.
	Con IV	" 15			May 24,1961	6	10	83	28		D	Brown sendy soil 35; grey clay °0; hard grey clay gravel 9°; fine gravel sand °3. Water at 92.
	Con IV	" 15			May 31,1961	6	17	102	27		D	Brown sendy soil 34; soft grey clay 90; hard wrey clay 99; dark grey limestone 112. Water at 110.
	Con IV	" 15		-	Jun.15,1961	6	20	70	?7		D	Light brown sendy soil 42; sandy grey clay 95; hard grey clay gravel 982; grey limestone 112. Water at 111.
	Con IV	" 15			Jun.19,1961		20	65	22		D	Light brown sandy soil 40; sandy grey clay 81; hard grey clay 89; fine gravel 892. Water at 89.
	Con IV	<b>"</b> 15	L. Sear		Jul. 7,1961	6	15	85	27		D	Light brown sandy soil 41; grey clay 72; reddish sand clay 80; hard grey clay gravel 103; grey limestone 105. Water at 124.
	Con IV	" 15 " 15	0. Sisask		Sep. 6,1961	6	12	95	27		ם	Light brown sandy soil 31; sandy grey clay 93; hard grey clay 94; sand gravel 95; dark grey limestone 105. "ater at 104.
	Con IV	" 15	Sutherland Const. M.G. DeWilde	Cross Brothers	Sep.19,1961	6	20 6	50 90	28 40		ם	Brown sandy soil 35; sandy grey clay 85; hard grey clay gravel 972; grey limestone 99. Water at 982.
	Con IV	" 15	T. Cein	G.J. Wallis	Sen.12,1962 Oct.29,1963	6	51	108	40		ם	Topsoil 2; sendy loam 30; blue clay 67; outcksand 90; fine gravel 92; fine sand 98; coorse gravel 99. Water at 99.
	Con IV	<b>"</b> 16	O.P. Cerey	W.E. Scriven	Mar. 7,1960	6	25	33	25	"	D	Light brown sandy soil 37; sandy gray clay %6; hard clay gravel 99; dark gray limestone 11°. Water at 116. Toosoil ?; brown clay 30; fine gray sand 83; limestone 97.
	Con IV	" 16	H. Sutherland		Jul.10,1962	6	20	75	25		D	Water at 87.  Reddish brown sandy soil 20; sandy grey clay 36; yellow sandy
	Ju	10		alli	- 41.10,1702		10	13	, ,		_	clay buggery clay ap; blue clay gravel 92; grey limestone 95. Water at 94.
	Con IV	" 16	K. Weber	•	Apr. 4,1963	6.	15	91	27	m m	D	Light brown sandy soil 40;sandy gray clay 87;hard clay gravel 992;broken limestone gravel 101. Water at 100.
			L								100000	and well a more he could be the out of temporalis of

	LOCATIO	N 1		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	ING	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
	RTH COUNT Flamboro	Two											
Con Con	IV	lot		G. Koike P. Gropen	W. Packham	Jul.13,1960 Feb.13,1961	6	20 20	40 20	18 15	Fresh	D D	Sandy clay 27; silty sand 75; limestone 92. Water at 80. Old well 20; blue clay 60; sandy clay 75; sand gravel 82; shale 85. Water at 83.
Con	IV	×	19	West Flamboro Twp.	International Water Supply	Mar. 1,1960	10	105	35	Flows	700	P	Topsoil 2; sandy clay boulders stones 6; grey stony clay 46; soft brown shale 54; hard grey limestone 72; hard light grey limestone 123; dark brown shale 125. Water at 54.
Con	IV	×	19	W. Prodeus	G.J. Wallis	Peb, 17, 1961	6	25	40	12	*	С	Brown sandy soil 21; sandy grey clay 54; gravelly grey clay 62; grey limestone 66. "ster at 65.
Con		*	19	R. Cummins	W. Packham	Oct.23,1962		24	50	45		D,S	Dug well 6; clay 25; sandy clay 100; sand 102; limestone 105. Water at 103.
Con	V	**	5	H. Sage	E. Pegg	Jun. 4,196?	5	9	40	12		P	Topsoil ; limestone 68. Water at 24 and 63.
Con	v		2	L. Suterski K. Hulak	J.B. Ruttan J.A. Anderson	Mar.20,1963 Oct.24,1963	566	10	23 20	10 20		D	Silt 9; broken limestone 18; brown limestone 502. Water at 4 Topsoil 2; gray limestone 38. Water at 35.
Con	Ā	•	12	E. Rosenblood	J.B. Ruttan	Jul.25,1963	6	i	20	8	Sulphur	D,S	Red sand 22; grey soft clay 25; blue clay gravel 32; dark brown limestone 38. Water at 36.
Con	v	и	16	Muys & DeWilde	. w.E. Scriven	Jun.17,1961	6	5	22	20	Fresh	D	Topsoil 2; brown clay 25; grey sandy soil 06; limestone qp. Water at qq.
Con		,	16	C. Lew	J.A. Anderson	Oct.31,1963	- 20	15	15	15	196.	D,S	Brown clay 3; quicksand 30; blue clay 39; grey limestone 69. Water at 59.
Con	V	*	17 18	A. Elliot G. Westherbee	W.Z. Scriven	Jan.13,1960 Jun.28,1960		5	25 35	15 15	*	D	Brown clay 4; nuicksand 70; limestone 75. Water at 75. Topsoil 2; brown clay 18; sandy soil 23; limestone 7°. Water at 78.
Con	V	99	13	P. Hayden	W. Packham	Jun.30,1960	6	20	30 40	20	**	D	Sandy clay 30; fine sand 00; limestone 05. Water at 93.
Con	V		1º 18	F. Paul E. Schein	F. Ince	Sep.10,1960		20		22		D D	Sandy clay 35; silty sand clay 04; shale 00. Water at 86.
Con	v	×	18	R. McCall	W. Packham	Apr.19,1961 Egy 12,1961		50 50	45 40	25 25		Ď	Brown loam 2; sandy clay 80; shale 94. Water at 94. Sandy loam clay 65; broken rock stones 92; limestone 96. Wat at 84.
Con	A	¥	18	S. Schein	F. Ince	Jun.29,1961	6	25	40	25	*	D	Dark sandy soil 4; grey sandy clay 73; groy limestone 92.
Con			18	*	*	Jun.30,1961	6	25	45	30	М.	D	Dark sandy soil 4; grey sandy clay 79; grey limestone 89. Water at 88.
Con			19	Hillgrove School	Cross Brothers	Oct.22,1962		10	60	12	•	P	Gravel %; topsoil 2; sandy loam boulders 20; sandy loam 36; ouicksand 60; fine sand 64; limestone 72. Water at 70.
Con Con	v v	**	18 19	P. Jennings D. Hartmier	3.J. Wallis	Aug.10,1963 Mar. 9,1963		3 20	30 30	7		D D	Sandy loam 10; brown sand 76; limestone 90, water at 90. Brown sandy loam 11; grey clay 28; sandy silt 46; gravelly
Cn	v	*	19	H. Harris		Jul. 5,1963	6	20	50	28		D	grey clay 55;grey limestone 61. Water at 60. Light brown send 41;silt grey clay 65;red send grey clay 84;grey limestone 66. Water at 85.
Con	Al	10	6	B. Nagy	W. Packham	Sep.17,1962		23 4	60	17	**	D	Clay 7: limestone 61. Water at 35 and 50.
Con	VI	n	7	H. Schlecht	J.B. Ruttan	May 30,1961		4	37	7	98	D	Sand loam 2; blue limestone 37. Water at 17 and 34.
Con	VI	**	7	J. Kralt K. O'Neil	E. Pegg	Jun. 6,1963	6	6	17	20	Sulphur	D D,S	Topsoil 2; rock 26. Water at 24.
Con	VΪ	**	7	M. Mailloux		Sep. 27, 1963 Jun. 6, 1960	3	41	36	14	Fresh	D,3	Old well 24; limestone 39. Water at 33. Topsoil 1: loose limestone 10; limestone 36. Water at 30.
Con	VI		7	K. Potter	1007 202 94 9	Oct. ?3,1963	6	2 41 10	39 36 11	10	N N	D	Topsoil 1; stones 16; black shale 18. Water at 18.
Con		*	14	J.W. Rasberry	G.J. Wallis	Oct.24,1961	6	30	15	8		D	Brown clay stones gravel 14; gravel grey clay 21; blue clay gravel 27; brown limestone 304. Water at 30.
Con		"	16	K. Gamble	E. Pegg	Jul.27,1960	1 20	20	2	2		D	Fill 2; topsoil 3; red clay 8; mixed rocks 9; blue clay 11; mixed rock 22; black shale 27. Water at 22.
Con	AT		16			Sept.3,1960	5	50	26	26		Ð	Fill 2; soil 3; red clay 2; rock 94; blue clay 16; mixed rock black shale 29. Water at 28.
Con	AII AII	**	3	G. McDermott J. Smith	W. Packham S. Gill	May 16,1960 Sep. 25,1963		20 4	25 12	21	1	D S	Stony clay 14; limestone 39. Water at 35.  Grey rock 66. Water at 40 and 60.

	ENTWORTH COUN		ŧ.		l I		1	1 1			ı	
	West Flamboro	Cont.					_					
	Con VII	lot 5	M. VanWyn-	E. Pegg	Oct.17,1960	5	18	12	9분	Fresh	D	Stones houlders 16; loose rock 20; limestone 23; black rock 28. Water at 26.
	Con VII	" 5	C. damilton	J.B. Ruttan	Nov. 5,1963	6	4	58	9		D	Silt gravel 5;gravel 29;grey clay 33;broken limestone 39; grey limestone 58. Water at 35 and 57.
	Con VII	# 6 # 6	M.A. Nixon	E. Pegg	Dec.10,1960	6	12 12	8	7 14	11	D	Topsoil 1:stones brown clay 3:limestone 15%. Water at 13.
	Con VII	" 10	J. Tamboer C.C. Hopmans	w.E. Scriven	May 24,1963 Jun.30,1961	6	12	18 28	14 22		S	Stones boulders 21; limestone 35. Water at 32. Topsoil 2; red sandy soil 52; coarse gravel 54. Water at 54.
	Con VII	" 11	W. Lensink	W. Packham	Jul.27,1960	6	20	40	21		D	Sandy loam stones 15; sandy loam 45; sand gravel 50; gravel 54. Water at 54.
	Con VII	" 13	C. Veldhuis	E. Pegg	Jul. 9,1963	6	12	18 <del>}</del>	6	*	D	Stony clay 8; rock 28. Water at 25.
	Con VII Con VIII	* 4	B. Mitchell J. Huffman	J.B. Rutten E. Pegg	Oct.29,1960 Jun.18,1960	6	5 18	35 16	17		D D	Grey clay gravel boulders ?1; limestone 381. Water at 32. Topsoil 3; stony clay 10; limestone ?4. Water at 20.
	Con VIII	** 4	L. Campbell	W. Packham	Jul.18,1961	6	20	15	10	**	D	Sandy loam 10; gravel sand 20; coarse gravel 25. Water from
	Con VIII	a 7	G. Hemilton	J.B. Ruttan	Jul.11,1963	6	10	21	10	,,	ū	20 to 25.  Dug well 16; grey sandy clay boulders 27; grey limestone 32.
	Con VIII	* 8	J. Bates	W. Packham	Nov. 3,1960	6	20	20	6		In	Water at 30. Sandy clay 5;gravel clay 31; bedrack 39. Water at 37.
	Con IX	" 6 " 6	C. McCarthy W. Kasserra	J.L. Graham	Jul.28,1960 May 27,1961	6	10 10	35 40	26 20	*	D	Stony clay 40; stones gravel 45; limestone 60. Water at 55. Clay small boulders 19; shaly rock 31; grey limestone 70.
						-					-	Water from 42 to 70.
	Con IX		M. Dowling	W. Packham	Oct.26,1961	6	4	95	35		D	Stony clay 47; black limestone 90; white limestone 102. Water at 100.
485	Con IX	" 6	Freelton Park Board	*	Jul.24,1962	6	12	65	22	"	P	Stony clay 10; shale 17; limestone 71. Water at 45 and 68.
	Con IX	* 6	West Flamboro	Ħ	Feb.12,1963	6	20	60	26	н	P	Stony clay 34; limestone 90. Water at 75.
	Con IX	" 7	L. Tweedle	n n	Jun. 9,1961	6	2	90	35	# #	D	Stony clay 25; shale 43; white limestone 93. Water at 90.
	Con IX	* 7	Baptist Church (Freelton)	. "	Aug. 7,1963	6	20	70	40		P	Stony clay 14; white limestone 90. Water at 65 and 88.

<sup>1,2,</sup> Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

### POOTNOTES TO APPENDIX C

#### Location

The following abbreviations are used to designate concessions and locations of wells:

A.S. Aux Sable D.R.N. Durham Road North B.B. Brant's Block D.R.S. Durham Road South B.B.P. Beasley's Broken Front D.S.S. Dundas Street South B.C. Goderich Tp. Bayfield Concession D.T. Dochtstader Tract	
B.B.P. Beasley's Broken Front D.S.S. Dundas Street South	
B.C. Codomich Dn Dowfield Commenter	
B.C. Goderich Tp. Bayfield Concession D.T. Dochtstader Tract	
B.C. Howard Tp. Block Concession E. East	
B.F. Broken Front E.B. Eastern Boundary	
B.I. Big Island E.D. Eastern Division	
B.L.B. Beasley's Lower Block E.E. East End	
B.L.N. Base Line North E.F.B. East Pront B	
211.D. DESCRIPTION 2	
D. U. D. U. D. U. T.	
Table 1 and	
And the same of th	
The supposition of many	
2. R. Etbolcoxe 1p. Bootleske River	
Lindsay Tp. East Range	
(St.Edmunds Tp.  E.R.W. (Adelaide Tp.  Agremont Road North	
being: bott the particular goad past	
B.E.E. Rochester Tp. Belle River East E.R.N. Wilmot Tp. Erb Road North	
(Albemarle Tp. E.R.H. Yarmouth Tp. Edgeware Road Horth	
B.R.W. (Eastnor Tp. Bury Road West E.R.S. Egremont Road South	
(St.Edwunds Tp. East Side	_
B.R.W. Dover Tp. Baldoon Road West E.S. Wellesly Tp. East Section	
B.k.w. raidstone Tp. Belle River West E.T. Earl Tract	
B.T. Bechtel's Tract P.C. Pront Concession	
B.U.B. Beasley's Upper Block P.C.T. Fish Carrier Tract	
C.B. Clergy Block P.K.T. Formerly Kingston Town	nehin
C.I.R. Credit Indian Reserve G.I. Gates Island	
C.P.L. Carrying Place Lots G.I.F. Grand Island Front	
C.F.E.W. Carrying Place Northwest G.P.S.W. Green Point Southwest	
C.R.E. Harwich Tp. Communication Road East G.P.V. Green Point West	
C.R.E. Pittsburgh Tp. Cataragui River East G.R.E. (Glenelg Tp. Garafraxa Road East	
C.R.E. Smith Tp. Chemung Road East (Holland Tp.	
C.R.W. Earwich Tp. Communication Road West C.P.T. (Pilkington Tp. Grand Piver Foot	
C.H.W. Kingston Tp. Catarqui River West G.R.E. (South Dumfries Tp.	
A D '1 California Atlanta Atlanta Atlanta	
GRAD William To	A 1 2 1 0 U
G.R.F. Grand River Front	
GULL RIVER RAINE	
C.T. Canborough Tp. Clement Tract	
C.T. Woolwich Tp. Crook's Tract	

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G.R.W. Bentick Tp.  G.R.W. Pilkington Tp.  G.R.W.S.  H.B.E.  H.I.  H.L.  H.R.E.  H.R.S.  H.R.W.  H.S.E.  E.S.W.  H.T.  L.J.W.T.  L.J.R.  L.P.  L.H.P.  L.H.P.  L.H.P.  L.H.P.  L.H.P.  L.R. Gaugen Tp.  L.R. Hay Tp.  Stephen Tp.  L.R.B. Bosanquet Tp.  L.R.W. Golborne Tp.  L.R.W. Colborne Tp.  L.R.W. Colborne Tp.  L.R.W. Colborne Tp.  M.C.  H.L.Z.  H.H.D.  H.P.R.E.  H.P.R.W.  M.R.W.  M.R.R.  H.R.N. Gochester Tp.  (Faidstone Tp.  H.R.N. Gochester Tp.  (Faidstone Tp.  H.R.N. Gochester Tp.  (Faidstone Tp.  H.R.N. Gochester Tp.  (Tilbury East Tp.  M.R.S. Colchester North Tp.  M.R.S. Colchester North Tp.  M.R.S. Maidstone Tp.	Comp Company Donah Word	M.S.B.	Miles Square Block
G.R.Z. Normanny Tp.	GETAITAXZ KOZO WEST	M.T. Brantford To.	Mair Tract
G.R.V. Pilkington Tp.	Grand River West	M.T. Hallowell Tp.	Military Tract
G.R.Y.S.	Grand River West Subdivision	N.B.	North Boundary
F.B.E.	Hallowell Bay East	W.C.	Weehish Concession
H.T.	Hill Island	ה מ	Northern Division
N.L.	Hink's Location	NE -B	Northeast Boundary
HRE	Hastings Road Fast	NE R	Northeast Rance
H P P	Buron Road Pront	N.R.I.C.S	Niagara Pruit & Land Co Survey
HRS	Hamilton Road South	N P. Pittshurgh Th	Naval Recepts
H 3 M	Hastings Road West	N R Tuendinama Th	North of Road
FCF	Hurontario Street Fact	N D P	Viscore Piver Pront
E & W	Humantaria Street West	W C Fine Wn	Now Survey
E-T	Haldimand Tract	N.S. Southwold To	North Side
T C	Indian Stain	N W	Nolles manet
J.P.	Janes Pares	N m D	Nexth of Moun Diet
7 W m	Tomas Wilson Procet	N.I.J.	North Of Town Flot
e n m	James Wilson Fract	H.T.H.	North Talbot Road
L.A.B.	Vana Proof	N9.D.A.	Northwest Bay Range
1 T P	Loke Frie Brent	0.F.	Ottawa Front
1.5.5.	Lake Lrie Front	0.K.N.	Upeongo Hoad North
1 1 2	Lake Front .	0.5.	Old Survey
Loner.	Lake huron front	0.S.R.E.	Owen Sound Road East
1 0 2	Long Island	U.S.R.W.	Owen Sound Road West
D.U.F.	Lake Untario Front	P.C.	Petite Cote
J P (Burer Me	Inh. Dane.	P.E.B. (A)	Prince Edward Bay (Around)
L.R. (nuron Tp.	Take Hange	P.R.	Plank Road
Saugeen Tp.		P.R.E. Oro Tp,	Penetanguishene Road East
L.3. Hey Tp.	Lake Road	P.R.E. Seneca Tp.	Plank Road East
Stephen Ip.		P.R.S.	Portage Road South
L.R.L. Bosanquet Tp.	Lake Road East	P.R.W. Seneca Tp.	Plank Road West
i.R.E. Colborne Tp.	Lakeshore Road East	P.R.W. Tiny Tp.	Penetanguishene Road West
i.a.N.	Longwoods Road North	P.T.	Phelps Tract
L.3.S.	Longwoods Road South	E.A.	Range A.
1. 2. W. (Bosanquet Tp.	lake Boad West	B.B.	Range B.
(Stanley Tp.	and done into	R.P.	Rideau Front
L.R.W. Colborne Tp.	Lakeshore Road West	R.P.	Registered Plan
L.T.	Lovejoy Tract	R.R.	River Range
M.C.	Maitland Concession	R.R.N. Charlottenburgh Tp	Raisin River North
H.L.Z.	Muskrat Lake East	R.R.N. Dunn Tp.	Rainham Road North
and and and	Mowhawk Mission East	R.R.S. Charlottenburgh Tp	Raisin River South
H.P.R.E.	Hount Pleasant Road East	R.R.S. Dunn Tp.	Rainham Road South
M.P.B.W.	Hount Pleasant Road West	R.T.	Racey Tract
H.2.	Military Reserve	S.B.	South Boundary
H.R.H. (Colchester Tp.	Walden Road North	S.B.P.	South Bay Front
Caidstone Tp.		S.B.N.	Smith Bay North
H.R.N (Rochester Tt.	Middle Road North	S.C.R.NW.	Stoney Creek Road Forthwest
(Tilbury East Tp.		S.C.R.S.	Stoney Creek Road South
5.3.S. Colchester North Th-	Halden Road South	S.D.	Southern Division
M.R.S. Colchester North Tp. H.R.S. Maidstone Tp.	Middle Road South	S.I. Elizabethtown Tp	Stovin Island

*			
S.I. Wolfe Island Tp S.L.R.K. S.R. (Artemesia Tp.	Simcoe Island St.lawrence River North South of Road	(Gosfield North Tp. (Maidstone Tp. (Malahide Tp. (Mersea Tp.	
S.R.E. < Holland Tp.  (Melanothon Tp. S.R.E. Sunnidale Tp. S.R.S. S.R.T. S.R.V.	Sydenham Road East Sunnidale Road East SniderRoad South Stewart & Ruggles Tract Sydenham Road West	T.R.S.\Middleton Tp. (North Cayuga Tp. (Sandwich South Tp. (South Cayuga Tp. (Yarmouth Tp.	Talbot Road South
S.S. S.W.R.	South Side Southwest Range	T.R.S.(Raleigh Tp.	Thames River Survey
T.R. T.R.E.B.	Townline Range Talbot Road East Branch	T.R.S. North Dorchester Tp. U.E. W.	Thames River South Upper End West
(Bayham Tp. (Gosfield North Tp (Howard Tp. (Kaidstone Tp. (Malahide Tp. T.R.N. Wersea Tp. (Middleton Tp.	Talbot Road North	W.B. Blanshard Tp. W.B. Harwich Tp W.B. Raleigh Tp. W.D. W.G.L. W.L.N.W.	West Boundary Concession Western Boundary West Boundary Western Division West of Gore Line West Lake Northwest
(North Cayuga T <u>p</u> (Orford Tp. (Sandwich South Tp. (Yarmouth Tp.		W.L.S.S. W.R. (Oneida Tp. W.R. (Woolwich Tp. W.S. Y.S.E.	West Lake South Side West Range West of River West Section Yonge Street East
T.R.H. Hay Tp. T.R.H. North Dorchester Tp.	Thames Road North Thames River North	Y.S.W.	Yonge Street West
T.R.N.B. T.R.R.	Talbot Road North Branch Talbot Road Range		
T.B.S. Pullerton Tp	Thames Road South		
	<sup>2</sup> Uses o	of Water	
	The following abbreviations are use		
C	Commercial Ir	Irrigation S S	tock

C	Commercial	Ir			
D		P	Public Supply	T	Test hole

# 3 Log and Remarks

The following abbreviations are used to designate soil character:

/and	limestlimestone	sandstsandstone
bouldboulders	medmedium	w/with
hardohardoan	ssand	

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### Previous Reports in the Series Ground Water in Ontario

- Ground Water in Ontario, 1947, 60th Annual Report, Ontario Department of Mines, Volume LX, Part XI, 1951.
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- 4. Ground Water in Ontario, 1953 and 1954, Ontario Water Resources Commission, Ground-Water Bulletin No. 1, 1961.
- 5. Ground Water in Ontario, 1955 and 1956, Ontario Water Resources Commission, Ground-Water Bulletin 2, 1963.
- 6. Ground Water in Ontario, 1957, Ontario Water Resources Commission Ground-Water Bulletin No. 3, 1965.
- 7. Ground Water in Ontario, 1958,
  Ontario Water Resources Commission,
  Ground-Water Bulletin No. 4, 1966.
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